

## **Phase I Environmental Site Assessment**

**3 and 15 East Main Street and 15 Courtland Street  
City of Hart  
Oceana County, Michigan**

### **Parcel Numbers:**

**64-020-207-004-50**

**64-020-207-004-00**

**64-020-207-001-00**

**64-020-207-005-00**

**64-020-207-008-00**

### **Prepared For:**

**City of Hart  
Hart, Michigan**

**December 5, 2022**

**Project No. 221675**

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**List of Abbreviations/Acronyms**

AAI	all appropriate inquiry
ACM	asbestos containing material
AIRS	Permit and Emissions Inventory Data
AMSD	approximate minimum search distance
amsl	above mean sea level
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
AUL	Activity and Use Limitation
BEA	Baseline Environmental Assessment
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CESQG	conditionally-exempt small-quantity generator
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Report
CPG	Certified Professional Geologist
CREC	Controlled Recognized Environmental Condition
DCC	Direct Contact Criteria
DCE	dichloroethene
DRO	diesel range organics
DWC	Drinking Water Criteria
DWPC	Drinking Water Protection Criteria
ECHO	Enforcement and Compliance History Information Online
EDR	Environmental Data Resources, Inc.
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EGLE-AQD	Air Quality Division of EGLE
EGLE-ODWMA	Office of Drinking Water and Municipal Assistance
EGLE-OWMRP	Office of Waste Management and Radiological Protection
EGLE-RRD	Remediation and Redevelopment Division of EGLE
EGLE-WHMD	Waste and Hazardous Materials Division of EGLE
EGLE-WRD	Water Resources Division of EGLE
ERD	Environmental Response Division
ERNS	Emergency Response Notification Systems
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Registration System
FOIA	U.S. Freedom of Information Act
GIS	Geographic Information System
GRCC	Generic Residential Cleanup Criteria
GSIPC	Groundwater/Surface Water Interface Protection Criteria
HREC	Historical Environmental Condition
ICIS	Integrated Compliance Information System
IC/EC	Institutional Controls/Engineering Controls
IRAP	Interim Remedial Action Plan
LNAPL	light non-aqueous phase liquids
LQG	large quantity generator
LUST	leaking underground storage tank

MDLARA	Michigan Department of Licensing and Regulatory Affairs
MDNR	Michigan Department of Natural Resources
NFA Report	No Further Action Report
NFRAP	No Further Remedial Action Planned
NLR	No License Required
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NREPA	Natural Resources and Environmental Protection Act
PA	Public Act
PCBs	polychlorinated biphenyls
PCE	tetrachloroethene or tetrachloroethylene
PFAS	Poly-and Perfluoroalkyl Substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PNA	polynuclear aromatic hydrocarbons
PSIC	Particulate Soil Inhalation Criteria
RBSL	Risk-Based Screening Levels
RCRA	Resource Conservation and Recovery Act
RMP	Risk Management Program or Plan
REC	recognized environmental condition
SDBL	Statewide Default Background Levels
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
SHWS	State Hazardous Waste Site
SQG	small quantity generator
SVOC	semi-volatile organic compound
TCE	trichloroethene or trichloroethylene
TRIS	Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	treatment, storage, and disposal
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	underground storage tank
VEC	vapor encroachment condition
VIAP	Volatilization to Indoor Air Pathway
VOC	volatile organic compound
WDS	waste disposal site
WWTP	wastewater treatment plant

## 1.0 Executive Summary

Fishbeck has performed a Phase I ESA on 3 & 15 East Main Street and 15 Courtland Street, City of Hart, Oceana County, Michigan (the Subject Property). This Phase I ESA was conducted in conformance with the scope and limitations of ASTM Standard Practice E1527-21 (ASTM Standard), and it constitutes all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice, as defined in *Standards and Practices for All Appropriate Inquiries* (AAI) (40 CFR Part 312)<sup>1</sup>. For reference, Appendix 1 contains the ASTM Standard Practice E1527-21 Definitions. A Location Map and a Site Map for the Subject Property are included in Appendix 2.

The purpose of this assessment is to determine if RECs exist on the Subject Property and to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, and liability protections under Part 201 and Part 213 of Michigan's NREPA.

The Subject Property was originally developed prior to 1894 with residences. Between 1894 and 1900, a produce warehousing and fruit packing operation began near the southwest corner of the Subject Property. A flour and feed operation was present near the northwest corner of the Subject Property, a grocery store near the northeast corner, and a railroad siding was present on the west side. Various commercial businesses operated through the 1900s, including a farmers co-op, a mill, grain elevator, bean and grain cleaning, auto repair, shoe repair, acetylene welding, gasoline bulk station, and petroleum sales. Ceres Solutions, an agricultural co-op and petroleum sales operation, currently uses the Subject Property for storage while they are relocating to a new location.

### **During the course of this investigation, Fishbeck encountered evidence of the following RECs in connection with the Subject Property:**

- A. A gasoline UST was shown on the 1910 and 1920 Sanborn Maps on the southwest portion of the Subject Property. Additionally, a gasoline UST was shown in the East Main Street right-of-way on the 1920 Sanborn Map, near the northeast corner of the Subject Property. It is unknown whether the USTs are still present. One 550-gallon diesel UST was removed in 1990; however, the location of the former UST is unknown. Heating oil USTs associated with the former residences and other USTs may also be present.
- B. A gasoline bulk storage area with four ASTs was shown as present on the 1946 Sanborn Map, near the southwest corner of the Subject Property. The ASTs remained present until sometime between 1977 and 1986.
- C. An auto repair shop was shown near the northeast corner of the Subject Property on the Sanborn Maps dated 1920 through 1946. Hazardous substances and/or petroleum substances were likely stored and used during this time.
- D. The historic presence of railroad tracks on the west side of the Subject Property.
- E. The use and storage of agricultural chemicals, including hazardous substances and petroleum products on the Subject Property.

**There were no CRECs or HRECs identified.**

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<sup>1</sup> The USEPA withdrew a direct final rule that intended to amend its AAI rule, 40 C.F.R. Part 312, to reference ASTM Practice E1527-21. However, because ASTM Practice E1527-21 includes the content of the previous ASTM standard that is currently referenced in the AAI rule (E1527-13), this Phase I ESA conforms with the requirements of ASTM Practice E1527-13 and AAI.

This Phase I ESA report will remain viable, if it was completed no more than 180 days prior to the date of acquisition or occupancy. The viability date is based on the earliest of the dates of the following five components:

1. Date of site reconnaissance: November 17, 2022
2. Date of interviews: November 22, 2022
3. Date of search for recorded environmental liens: November 29, 2022
4. Date of review of federal, state, and local government records: November 30, 2022
5. Date of Environmental Professional Declaration: December 5, 2022

**Report 180-day viability date: May 16, 2023**

The report shall be considered viable for up to one year prior to the acquisition date, if the five components listed above are updated within one year of the earliest date of the five components.

**Report 1-year viability date: November 17, 2023**

## **2.0 Introduction**

### **2.1 Purpose**

This document presents the results of a Phase I ESA on the Subject Property. Nichole Kleiner, on behalf of City of Hart (User), has requested Fishbeck perform this assessment, which was conducted by Melissa Hunter.

This assessment was conducted to provide an objective, independent professional opinion of the potential environmental risks, if any, associated with the Subject Property. The purpose of this assessment is to identify RECs in connection with the Subject Property and to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, and liability protections under Part 201 and Part 213 of Michigan's NREPA. i.e., "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice."

A REC means: (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

### **2.2 Detailed Scope of Services**

This Phase I ESA was conducted in general accordance with the scope and limitations of the ASTM Standard. This assessment included a site reconnaissance, review of governmental records and environmental databases, interviews with persons knowledgeable of site conditions, review of available historical information on the Subject Property and surrounding properties, and report preparation.

The User did not request that any common nonscope considerations be addressed in this report. Fishbeck has conducted the scope of services in accordance with the terms and conditions of our proposal dated March 8, 2022.

### **2.3 Significant Assumptions**

Fishbeck assumes the information reviewed in this assessment (including government records and environmental databases, prior ESAs, and historical sources) is reliable and accurate. We also assume all interviewees have responded truthfully and to the extent of their knowledge.

### **2.4 Limitations and Exceptions**

The information gathered for this Phase I ESA is limited to information that is publicly available, obtainable within reasonable time and cost constraints, and is practically reviewable. It is also limited to accessible areas and conspicuous visual indicators encountered during the site reconnaissance. The ESA interpretations are made within the context of these limitations.

### **2.5 Special Terms and Conditions**

No special terms and conditions were required in this assessment.

### **2.6 User Reliance**

This Phase I ESA report is provided for the User's exclusive use. The report may also be used by any lender that is loaning funds in connection with the Subject Property. Any use of the report by others, without the written consent of Fishbeck, will be without liability to Fishbeck.



### 3.0 User-Provided Records

Nichole Kleiner completed a User Questionnaire on November 22, 2022, provided by Fishbeck. A copy of the questionnaire is included in Appendix 3.

#### 3.1 Title Records

Title records were not provided. Historical uses of the Subject Property were determined through the use of other sources, including Sanborn maps, city directories, aerial photographs, etc., as discussed in Section 6.0 of this report.

#### 3.2 Environmental Liens or Activity and Use Limitations

The User was unaware of any federal, state, or local environmental cleanup liens in effect for the Site. In addition, the User was unaware of any activity use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

Fishbeck reviewed <http://www.mcgi.state.mi.us/environmentalmapper/>, the EGLE online database Environmental Mapper, for any land use or activities restrictions for the Subject Property. The database did not show any recorded land use or activities restrictions on the Subject Property.

Fishbeck also reviewed [Remediation and Redevelopment Division Enforcement Actions - Perfected Lien List \(michigan.gov\)](https://www.michigan.gov/remediation), the online Michigan Environmental Liens list. The Subject Property was not listed.

#### 3.3 User Knowledge

The User stated they had no specialized or actual knowledge of any conditions on the Subject Property that would be interpreted as a REC.

#### 3.4 Valuation Reduction for Environmental Issues

The User stated the proposed price being paid for this property reasonably reflects the fair market value.

#### 3.5 Prior Subject Property Investigations

The User provided Fishbeck with a copy of a Phase I Environmental Site Assessment, dated August 26, 2021, that was conducted on the Subject Property by Westshore Environmental.

The following RECs were identified:

- The historical use of the Subject Property as gasoline bulk sale, petroleum sale, auto repair, and agricultural chemical sale operations.
- The historical presence of railroad sidings on the Subject Property.
- The possible presence of abandoned USTs associated with the historical use of the Subject Property.
- The presence of petroleum staining on the building and ground surface in the vicinity of the petroleum building truck dock.

The RECs have been addressed in this report. It should be noted that the ground surface was not visible during the site reconnaissance conducted for this Phase I ESA due to snow cover; therefore, the staining near the petroleum building loading dock could not be observed. The staining referenced above appeared to be de minimis based on the photographs included in the 2021 Phase I ESA.

A copy of the Phase I ESA is included in Appendix 3.

### 3.6 Reasons for Performing Phase I ESA

The User requested the completion of this Phase I ESA prior to potential acquisition of the Subject Property to establish whether RECs exist in connection with the Subject Property. Conducting this Phase I ESA enables the User to satisfy one of the requirements to qualify for liability protection under the CERCLA and Part 201 and Part 213.

### 3.7 Other

Other than the documents summarized in Section 8.1, no additional documents were provided to Fishbeck during the preparation of this Phase I ESA.

## 4.0 Subject Property Description

### 4.1 Location and Legal Description

Address	3 and 15 East Main Street and 15 Courtland Street
City/Township/Village	City of Hart
County	Oceana
State	Michigan
Section	17
Quarter Section	Northeast
Quarter/Quarter Section	Northwest
Town	15 North
Range	17 West
Parcel # (s)	3 East Main Street - 64-020-207-004-50 3 East Main Street - 64-020-207-004-00 3 East Main Street - 64-020-207-001-00 Courtland Street - 64-020-207-005-00 (commonly known address of 15 East Main Street) Courtland Street - 64-020-207-008-00 (commonly known address of 15 Courtland Street)
Location	The Subject Property is located on the south side of East Main Street (West Tyler Road), between South Water Street and Courtland Street.
Approximate Acreage	2.2
Legal Description	See Appendix 4

### 4.2 Physical Description

The Subject Property is improved with the following utilities:

Electricity	Provided
Natural Gas	Provided
HVAC	The Subject Property structures are heated and cooled via natural gas.
Fuel Oil	Not observed
Propane/LPG	Not observed
Water	Drinking water is supplied by the municipal system.
Sewer	Sanitary sewer is supplied by the municipal system.

The Subject Property is improved with the following buildings, structures, and features:

Building A consists of a former store front, office spaces, storage areas, loading dock, and a grain elevator.

Structure	Building A (northwest corner of Subject Property)
Use/Operation	Former store and storage building
Approximate Size	11,000 square feet
Floors/Stories	3
Construction Date/Additions	Between 1930 and 1946
Materials	Wood frame with aluminum siding

Building B consists of an office space and storage areas.

Structure	Building B (north-central building)
Use/Operation	Storage
Approximate Size	7,000 square feet
Floors/Stories	1
Construction Date/Additions	Between 1955 and 1965
Materials	Wood frame with aluminum siding

Building C consists of an office space and storage areas. An open overhang storing empty ASTs is present on the west side of the building.

Structure	Building C (northeast corner of Subject Property)
Use/Operation	Storage
Approximate Size	3,400 square feet
Floors/Stories	1
Construction Date/Additions	Between 1946 and 1955
Materials	Wood frame with aluminum siding

Building D consists of storage areas.

Structure	Building D (southernmost building)
Use/Operation	Former storage
Approximate Size	3,400 square feet
Floors/Stories	1
Construction Date/Additions	Between 1955 and 1965
Materials	Wood frame with aluminum and concrete siding

The buildings were observed to be empty, with the exception of some items stored by Ceres Solutions.

A figure with the labeled buildings is included in Appendix 2. Note that the building at the southwest corner, to the west of Building D, is no longer present.

### 4.3 Current Uses of the Subject Property

The Subject Property addressed as 3 East Main Street is currently occupied by Ceres Solutions Co-Op. The Subject Property addressed as 15 East Main Street is currently a parking lot. The Subject Property addressed as 15 Courtland Street is currently a vacant lot.

#### 4.4 Current Uses of Adjoining Properties

Adjoining properties were assessed during the site reconnaissance to identify uses that may potentially create an offsite source of contamination that could impact the Subject Property. The adjoining properties were viewed from the Subject Property and/or readily accessible public roadways or right-of-ways. The observed uses of the adjoining properties are summarized below:

Direction	Observed Use	Environmental Concerns
North	Residential, including: 4 East Main Street 10 East Main Street 14 East Main Street 16 East Main Street	None Observed
South	Residential (19 Courtland Street) Residential (25 Courtland Street) Commercial/light industrial property of unknown use (17 Washington Street)	None Observed
East	Hart Pizza (105 East Main Street) Unaddressed vacant parcel	None Observed
West	Residential, including: 3 Water Street 7 Water Street 11 Water Street 15 Water Street 19 Water Street 23 Water Street	None Observed

#### 4.5 Current Uses of Surrounding Area

The Subject Property is located in a residential and commercial area.

### 5.0 Physical Setting Sources

#### 5.1 Topography and Surface Water

The current USGS topographic map (provided in Appendix 5) indicates the surface elevation of the Subject Property is approximately 655 feet amsl. The closest surface water body is Russell Creek, which is located approximately 300 feet to the west. Hart Lake is also located approximately 700 feet north of the Subject Property.

#### 5.2 Soils

According to <http://websoilsurvey.nrcs.usda.gov/app/>, the USDA Natural Resources Conservation Service Web Soil Survey, the soils on the Subject Property consist of Benona sand with 0 to 6 percent slopes. A copy of the soil survey is provided in Appendix 5.

#### 5.3 Hydrogeology

There are no known hydrogeological investigations on the subject property; therefore, the hydrogeology of the subject property cannot be fully documented. Shallow groundwater in the vicinity of the Subject Property likely flows to the north-northwest, toward Russell Creek and Hart Lake. However, subsurface utilities, underground

structures, local groundwater pumping, and seasonal fluctuations in precipitation may influence groundwater flow direction.

## 5.4 Oil and Gas Well Information

Based on a review of the EGLE online GeoWebFace database, oil and/or gas wells were not identified within ¼ mile of the Subject Property.

## 6.0 Subject Property History

The historical uses of the Subject Property have been reconstructed through various historical databases and resources summarized below:

### Standard Historical Sources Reviewed

Historical Source	Available/Reasonably Obtained	Source/Dates	Comments
Aerial Photographs	Yes	EDR 1938-2016 Google Earth 2018-2022	Section 6.1 Resolution insufficient to fully determine details.
Fire Insurance Maps	Yes	EDR 1893-1946	Section 6.1
Property Tax Files	Yes	Municipal Name Assessing Records via BS&A	Section 8.4
Title Records	No		
Topographic Maps	Yes	EDR 1931-2019	Section 6.1
City Directories	Yes	EDR 1992-2017	Section 6.1
Interviews	Yes	User/Owner Representative	Sections 3.0 & 10.0 Section 6.1
Other	Yes	Previous Environmental	Section 3.5

### 6.1 Historical Uses of the Subject Property

Based on a review of the available resources/records (summarized above), the historical uses of the Subject Property are summarized below:

The 1893 Sanborn map shows a residence present at the northeast corner of the Subject Property. The remainder of the Subject Property is not included. In 1894, several residences and associated sheds and detached garages are shown on the Subject Property. In 1900, a flour and feed building is shown near the northwest corner of the Subject Property. A grocery store is shown near the northeast corner, as well as a building occupied by E.S. Houghtaling Produce warehouse and fruit packaging at the southwest corner. A railroad line extended onto the southwest corner of the Subject Property from the adjoining property to the south. Residences and associated structures are present on the remainder of the Subject Property.

By 1910, a building occupied by Hart Creamery Company was developed west of the flour and feed building. The building is shown as fueled by coal. The grocery store building was shown as vacant, and the former E.S. Houghtaling Produce building was replaced by Lewellyn & Watcher grain elevator, hay, and feed. A gasoline tank is shown near the north end of the building, as well as a lime storage building. An additional railroad line was present near the southwest corner of the Subject Property. By 1920, an additional hay and feed warehouse, hay

warehouse and iron studio, and lime warehouse were built north of the Lewellyn Watcher Inc. buildings. The buildings at the northwest corner had been replaced by several buildings occupied by Hart Cooperative Marketing Association. The buildings included a planing mill, warehouse with salt warehouse, and bean and grain cleaning. At the northeast corner, an auto repair shop, shoe repair shop, and welding shop are shown. A 130-gallon gasoline tank is shown in the road right-of-way north of the auto repair building. Three residences were also present on the remainder of the Subject Property. The Subject Property appears similar in the 1930 Sanborn Map, except the former Hart Cooperative Marketing Association was replaced by Farm Bureau Supply Store. Crate and barrel storage was present south of the Farm Bureau Supply Store. Neither of the gasoline tanks were shown in 1930. By 1946, the Lewellyn & Watcher buildings were no longer present, and a gasoline bulk storage station with pump house was present south of the Farm Bureau Supply Store. Four ASTs were shown as present. The railroad lines were removed sometime after 1946.

The Subject Property address of 3 East Main Street was listed as Countrymark Inc. and Great Lakes Irrigation in 1995, Farmers Petroleum and Hart Comp Incorporated in 2000, Hart Coop Inc in 2010, and North Central Coop from 2014 to 2017. It has been operating as Ceres Solutions in recent years; however, most of the operations have been moved to another location, with the exception of some stored items as of the date of this report.

The Subject Property address of 15 Courtland Street was listed as residential in the City Directories dated 1995 through 2017.

A former Subject Property address of 17 East Main Street was listed as Farmers Petroleum Company Operative Incorporated in the 1995 and 2000 City Directories, Bills Starter and Alternator in 2005, and Farmers Petroleum Coop in 2010.

The review of historical resources/records indicate the following:

- A. A gasoline UST was shown on the 1910 and 1920 Sanborn Maps on the southwest portion of the Subject Property. Additionally, a gasoline UST was shown in the East Main Street right-of-way on the 1920 Sanborn Map, near the northeast corner of the Subject Property. It is unknown whether the USTs are still present. One 550-gallon diesel UST was removed in 1990; however, the location of the former UST is unknown. Heating oil USTs associated with the former residences and other USTs may also be present.
- B. A gasoline bulk storage area with four ASTs was shown as present on the 1946 Sanborn Map, near the southwest corner of the Subject Property. The ASTs remained present until sometime between 1977 and 1986.
- C. An auto repair shop was shown near the northeast corner of the Subject Property on the Sanborn Maps dated 1920 through 1946. Hazardous substances and/or petroleum products were likely stored and used during this time.
- D. The historic presence of railroad tracks on the west side of the Subject Property.
- E. The use and storage of agricultural chemicals, including hazardous substances and petroleum products on the Subject Property.

Copies of historical records are provided in Appendix 6.

## 7.0 Surrounding Properties History

Based on the historical resources identified in Section 6.0, the properties surrounding the Subject Property were utilized for various commercial and industrial businesses and are summarized in the table below.

### North adjoining property

The adjoining properties to the north have been residential since prior to 1893.

### South adjoining property

The adjoining properties to the south, on the north side of East Main Street, have been residential since prior to 1893.

The adjoining property to the south, on the south side of East Main Street, was developed with a passenger depot, railroad tracks, and warehouse building since prior to 1894. By 1900, additional buildings were constructed including an office, produce building, and agricultural imports storage building. By 1910, the smaller buildings were replaced by a larger warehouse building. By 1930, the warehouse building was occupied by F.L. Corbin & Son produce warehouse. An additional building was constructed between 2006 and 2009. The warehouse building was removed between 2012 and 2016. The recent uses of the site are unknown. The site appeared to be commercial or light industrial during the site reconnaissance.

### East adjoining property

In 1893, adjoining properties to the east were residential. By 1910, a carriage painting building was constructed on the east side of South Courtland Street, along with a building labeled "cobbler." By 1920, the former carriage painting building was replaced by an auto repair shop, and a farm implements building and small tin shop were developed. By 1930, the former auto repair shop was replaced by a sign painting shop, and a small gasoline tank was present west of the farm implements building. The remainder of the adjoining properties to the east continued to be residential in nature. In 1946, the sign painting shop was replaced by a welding shop, and the gasoline tank was no longer shown as present. By 1955, the buildings were removed. An additional small structure was present beginning between 1965 and 1972 and was removed between 1999 and 2006.

Between 2000 and 2005, the adjoining property to the east, addressed as 105 East Main Street, was converted from a residence to Roll In Bakery and Cafe. By 2014, it was converted to Hart Pizza, which is still present as of the date of this report.

### West adjoining property

Adjoining properties have been residential since prior to 1900. A cooper shop was also shown as present on the 1900 Sanborn Map.

The review of historical resources/records indicate the following:

- The adjoining property to the east was used for carriage painting and an auto repair shop historically. A UST was also shown as present on the site in the Sanborn Map dated 1930. Based on the presumed groundwater flow to the north-northwest, the property is located hydraulically crossgradient of the Subject Property. Therefore, no REC was identified.

## **8.0 Records Review**

### **8.1 Database Review**

EDR was retained to conduct a computerized search of publicly available environmental regulatory databases. The EDR report included a review of Standard Environmental Record Sources located within their respective AMSD, as described in the ASTM Standard and summarized in the table below. A copy of the EDR research data and a description of the databases are included in Appendix 7.

Standard Federal, State, and Tribal Environmental Record Sources	EDR Standard Environmental Records Reviewed	Approximate Minimum Search Distance (miles)
Federal NPL List	NPL; Proposed NPL; NPL Liens	1.0
Federal Delisted NPL List	Delisted NPL	0.5
Federal CERCLIS List	Federal Facility	0.5
Federal CERCLIS NFRAP List	SEMS	0.5
Federal RCRA CORRACTS Facilities List	CORRACTS	1.0
Federal RCRA TSD Facilities List	RCRA-TSDF	0.5
Federal RCRA Generators List	RCRA-LQG; RCRA-SQG; RCRA-VSQG	Subject property and adjacent properties only
Federal IC/EC Registries	LUCIS; US ENG Controls; US Inst Controls	Subject property only
Federal ERNS List	NRC/US Coast Guard	Subject property only
State and Tribal Equivalent NPL/CERCLIS List	EGLE Part 201 Sites; Inventory Sites	1.0
State and Tribal Landfill and/or Disposal Sites List	SWL/LF	0.5
State and Tribal LUST Sites List	LUST/Indian LUST	0.5
State and Tribal Registered Storage Tank (UST/AST) List	UST/Indian UST	Subject Property and Adjoining Properties
State and Tribal IC/EC Registries	AUL	Subject Property Only
State and Tribal Voluntary Cleanup Sites	Indian VCP	0.5
State and Tribal Brownfield Sites	Brownfields	0.5
*BEA Sites	BEA	0.5

\*BEA Sites are not included on the ASTM prescribed Standard Environmental Record Source, but they are included in the record sources summary because BEA Sites are properties that have been documented to contain contaminants exceeding EGLE Part 201 GRCC in soil and/or groundwater.

The Subject Property was identified in the following Standard Environmental Record Sources: FTTS, HIST FTTS, SSTS, ERNS, FINDS, AST, and UST.

The following neighboring sites identified in the EDR report are considered significant to the Subject Property:

- 100 Water Street (Grand Haven BL&P), located approximately 300 feet northwest of the Subject Property, is listed in the Coal Ash and Sems-Archive databases.
- 101 South Water Street (Hart Body Shop), located approximately 40 feet west of the Subject Property, is listed in the Inventory, BEA, RCRA-VSQG, FINDS, and ECHO databases.
- 407 State Street (Hart Hydro-Electric Plant), located approximately 300 feet northwest of the Subject Property, is listed in the Part 201, Deleted Part 201, Inventory, and WDS databases.
- 108 South Courtland Street, located approximately 340 feet southeast of the Subject Property, is listed in the UST and LUST databases.
- 223 South State Street (Hart EZ Mart), located approximately 750 feet southeast of the Subject Property, is listed in the UST, LUST, Inventory, RCRA-VSQG, FINDS, and ECHO databases.
- 3 North State Street (Hart EZ Mart), located approximately 165 feet east of the Subject Property, is listed in the UST, Financial assurance, EDR Historic Auto, BEA, WDS, LUST, and RCRA NonGen/NLR databases.
- 227 East Main Street, located approximately 710 feet east of the Subject Property, is listed in the Inventory and BEA databases.



- 26 North State Street, located approximately 300 feet northeast of the Subject Property, is listed in the BEA, LUST, UST, Brownfields, Inventory, and WDS databases.
- 24 North State Street, located approximately 375 feet northeast of the Subject Property, is listed in the BEA database.
- 100 South State Street (Oceana County), located approximately 350 feet southeast of the Subject Property, is listed in the UST database.
- Farmers Petroleum Co-Op, addressed as 504 South State Street, is located approximately 1,750 feet southeast of the Subject Property and is listed in the LUST, UST, Brownfields, Inventory, and BEA databases.

The EDR report identified numerous other surrounding properties on the Standard Environmental Record Sources within their respective AMSD, as described in the ASTM Standard. However, Fishbeck considered most of the listed sites unlikely to impact the Subject Property based on factors including, but not limited to:

- Fishbeck's interpretation of subsurface conditions with respect to inferred groundwater conditions and movement.
- The distance between the listed site and the Subject Property, with respect to subsurface migration pathways.
- Potential drainage, obstructions, or preferential pathways.
- The physical site setting.
- The nature, age, and current status of the listings.

## 8.2 EGLE/MDLARA Agency File Review

Based on the EDR report, a FOIA request was submitted to EGLE for the Subject Property and the properties considered significant to the Subject Property as described above.

A FOIA request was submitted to the MDLARA, for the Subject Property and selected other properties.

### Subject Property

The MDLARA files indicated one 550-gallon gasoline UST and one 550-gallon diesel UST were installed at the Subject Property address of 3 East Main Street in 1971 and removed in 1990. The USTs were situated end to end, with the gasoline tank located further north. The excavation area was approximately 12 feet long, 8 feet wide, and 5 feet deep. Soil samples collected from the base of the excavation were nondetect for BTEX. No map was provided showing the location of the USTs. The MDLARA files also indicate the presence of a 500-gallon propane AST, which was closed in 2020. No EGLE files were available for 3 East Main Street, and no EGLE or MDLARA records were available for 15 East Main Street or 15 Courtland Street. The EGLE and MDLARA file review for the Subject Property did not indicate any RECs. Copies of the files are included in Appendix 8.

### 100 Water Street (Grand Haven BL&P), located approximately 300 feet northwest of the Subject Property

The site is listed in the Coal Ash and Sems-Archive databases. The site is presumed to be hydraulically downgradient of the Subject Property. Therefore, no REC was identified.

### 101 South Water Street (Hart Body Shop), located approximately 40 feet west of the Subject Property

The site is listed in the Inventory, BEA, RCRA-VSQG, FINDS, and ECHO databases. A 2015 BEA prepared for the site indicated the presence of mercury in the soil at a concentration exceeding Part 201 GRCC. No REC was identified. A copy of the BEA text, table, and figure is included in Appendix 8.

### 407 State Street (Hart Hydro-Electric Plant), located approximately 300 feet northwest of the Subject Property

The site is listed in the Part 201, Deleted Part 201, Inventory, and WDS databases. EGLE responded to the FOIA request indicating they do not have files for the site, with the exception of the information listed in the WDS

website. The WDS website indicated the site is inactive and had been a liquid industrial waste generator. No REC was identified. A copy of the WDS listing is provided in Appendix 8.

**108 South Courtland Street, located approximately 340 feet southeast of the Subject Property**

The site is listed in the UST and LUST databases. A LUST release of gasoline from a 500-gallon UST in the road right-of-way was reported in 2004 and was closed in 2015. Soil samples collected from beneath the UST did not indicate the presence of a release. Therefore, no REC was identified. A copy of the UST removal documentation is provided in Appendix 8.

**223 South State Street (Hart EZ Mart), located approximately 750 feet southeast of the Subject Property**

The site is listed in the UST, LUST, Inventory, RCRA-VSQG, FINDS, and ECHO databases. A LUST release was reported in 1999 and 1991. Both releases are listed as open. The 1991 release originated from a 12,000-gallon gasoline UST, and the 1999 release originated from a 550-gallon used oil UST. Currently present at the site are two 12,000-gallon gasoline USTs installed in 1991, and one 8,000-gallon gasoline UST installed in 1991. In addition to the two USTs involved with the LUST releases, one 500-gallon used oil UST, one 4,000-gallon diesel UST, one 5,000-gallon gasoline UST, and one 8,000-gallon gasoline UST were removed in 1991. A copy of the UST Site Assessment Report dated November 15, 1999, is included in Appendix 8.

During the 1991 removal of the previously mentioned USTs, a LUST release was reported based on field observations. A total of 270 cubic yards of contaminated soil was excavated from areas surrounding the USTs and disposed of offsite. The contamination did not appear to extend to the water table. Soil samples collected following the soil removal were analyzed. Analytical results indicated no impacted soils remained.

During the 1999 removal of the 550-gallon used oil UST, a LUST release was reported based on the presence of impacted soils.

The site is presumed to be hydraulically crossgradient of the Subject Property. Additionally, there is no information indicating groundwater has been impacted. Based on this information and the distance of the site to the Subject Property, no REC was identified.

**3 North State Street (Hart EZ Mart), located approximately 165 feet east of the Subject Property**

The site is listed in the UST, Financial assurance, EDR Historic Auto, BEA, WDS, LUST, and RCRA NonGen/NLR databases. Three USTs were present historically, including two 5,000-gallon gasoline USTs and one 8,000-gallon gasoline UST that were installed in 1966 and removed in 1997. The LUST release was closed in 2011. The BEA was prepared in 2010 based on the presence of VOCs in the groundwater at concentrations exceeding Part 201 GRCC. Based on the closed status of the site and the presumed hydraulically crossgradient location of the site, no REC was identified. A copy of the BEA text, tables, and figures is included in Appendix 8.

**227 East Main Street, located approximately 710 feet east of the Subject Property**

The site is listed in the Inventory and BEA databases. The 2019 BEA was submitted based on the presence of 1,2,4-trimethylbenzene in the groundwater at a concentration exceeding Part 201 GRCC. The site is presumed to be hydraulically crossgradient of the Subject Property. Therefore, no REC was identified. A copy of the BEA text, tables, and figures is included in Appendix 8.

**26 North State Street, located approximately 300 feet northeast of the Subject Property**

The site is listed in the BEA, LUST, UST, Brownfields, Inventory, and WDS databases. A 2013 BEA was submitted based on VOCs detected in the groundwater at concentrations exceeding Part 201 GRCC. A LUST release from a diesel and gasoline UST was reported in 1992 and was closed in 2015. One 1,200-gallon gasoline UST was installed in 1971 and removed in 1994, and one 1,000-gallon diesel UST was installed in 1966 and removed in 1994. The

site is presumed to be located hydraulically crossgradient of the Subject Property. Therefore, no REC was identified. A copy of the BEA text, tables, and figures is included in Appendix 8.

#### **24 North State Street, located approximately 375 feet northeast of the Subject Property**

The site is listed in the BEA database. The 2010 BEA was prepared for 24 and 26 North State Street, discussed above. The BEA was prepared based on the presence of metals and VOCs in the soil and groundwater at concentrations exceeding Part 201 GRCC. The site is presumed to be located hydraulically crossgradient of the Subject Property. Therefore, no REC was identified. A copy of the BEA text, tables, and figures is included in Appendix 8.

#### **100 South State Street (Oceana County), located approximately 350 feet southeast of the Subject Property**

The site is listed in the UST database. MDLARA files indicated one 1,500-gallon diesel UST and one 2,000-gallon gasoline UST were installed in 1967 and removed in 1992. Soil samples collected during the removal of the USTs did not indicate a release. Therefore, no REC was identified. A copy of the MDLARA file is provided in Appendix 8.

#### **Farmers Petroleum Co-Op, addressed as 504 South State Street, is located approximately 1,750 feet southeast of the Subject Property**

The site is listed in the LUST, UST, Brownfields, Inventory, and BEA databases. The 2003 BEA was prepared based on the presence of lead in the soil and VOCs in the groundwater at concentrations exceeding Part 201 GRCC. Based on the distance of the site to the Subject Property, no REC was identified. A copy of the BEA text, tables, and figures is included in Appendix 8.

### **8.3 County Health Department**

No information was on file for the Subject Property at the District Health Department #10. They indicated the Subject Property has been connected to municipal water and sewer for many years.

### **8.4 Local Fire Department**

As of the date of this report, the fire department has not responded to the FOIA request.

### **8.5 Assessing/Building Department Records**

The City of Hart provided Fishbeck with copies of the record cards for the Subject Property, which are included in Appendix 4.

## **9.0 Site Reconnaissance**

Melissa Hunter, E.P., conducted a self-guided site reconnaissance of the Subject Property on November 17, 2022. The site reconnaissance included an inspection of interior and exterior building areas and the outside areas of the Subject Property. The parcels and buildings were accessed in a counterclockwise manner, beginning at the northwest corner of the Subject Property. Adjacent properties were viewed from the Subject Property. The site reconnaissance was limited by the presence of snow on the ground and the inability to access a portion of Building D. A summary of observations made during the reconnaissance is provided below.

### 9.1 Subject Property Observations

Features, Activities, Uses, and Conditions	Observations
Current Uses of Subject Property	See Section 4.3
Past Uses of Subject Property	Past uses of the Subject Property could not be determined based on Subject Property observations. Past Subject Property uses are also summarized in Section 6.1
Current Uses of Adjoining Properties	See Section 4.4
Past Uses of Adjoining Properties	Past uses of the adjoining properties could not be determined based on observations. Past uses of the adjoining properties are also summarized in Section 7.0
Current and Past Uses of Surrounding Areas	See Section 4.5
Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions	See Section 5.0
Structures, Other Improvements, and Roads	See Section 4.2
Heating/Cooling	See Section 4.2
Potable Water Supply	The Subject Property is connected to municipal water.
Sewage Disposal System	Municipal sanitary sewer.
Wastewater/Storm Water	No wastewater is currently generated. There were no storm water conveyances observed.
Drains or Sumps	No drains or sumps were observed.
Septic Systems	There were no septic systems observed.
Wells	There were no wells observed.
Stains, Corrosion, or Odors	No stains, corrosion, or odors were observed.
Solid Waste/Fill Material	There was no solid waste or evidence of fill material observed.
Unidentified Substance Containers/Abandoned Containers	There were no unidentified substance containers or abandoned containers observed.
Pits, Ponds, Lagoons	A containment dike was observed near the northeast corner of the Subject Property, between the buildings near the former AST area.
Stained Soil or Pavement	There was no stained soil or pavement observed. However, ground observations were obscured by snow cover.
Stressed Vegetation	There was no stressed vegetation observed. However, ground observations were obscured by snow cover.
Storage Tanks	There were no ASTs or evidence of current or former USTs observed.

Features, Activities, Uses, and Conditions	Observations
Hazardous Substances or Petroleum Products/Drums, Totes, Intermediate Bulk Containers	There were no hazardous substances or petroleum products observed.
Hazardous and Nonhazardous waste	Numerous containers of varying sizes were observed to be stored on the building interiors, including fertilizers, gasoline, and diesel fuel.
PCB Containing Items (older hydraulic equipment/electrical transformers)	No evidence of potential PCB-containing equipment, including transformers, were observed.
Surface Water/Sumps Containing Hazardous Substances or Petroleum Products	There were no surface waters, pools, or sumps containing hazardous substances or petroleum products observed.

The following REC was identified during the site reconnaissance:

- The use and storage of agricultural chemicals including hazardous substances and petroleum products on the Subject Property.

## 10.0 Interviews

### 10.1 Interview with Owner/Key Subject Property Manager

An interview was conducted by phone on November 30, 2022, with Rodney Stevens regarding the environmental conditions associated with the Subject Property. Mr. Stevens has been familiar with the Subject Property since 2015 as the property manager for Ceres Solutions. According to Mr. Stevens, Ceres Solutions used the Subject Property as a feed mill. He indicated the former homes were connected to city water and sewer and used natural gas at the time they were demolished. The basements were filled with clean sand following the demolition. He indicated the ASTs that were formerly present between Buildings B and C were used to store liquid fertilizer. A dike containment system was present, and no leaks or releases had occurred while he was property manager. Mr. Stevens stated a GPR was used to investigate a historic 550-gallon tank, but there were no signs of an UST, so it was assumed to have been removed. The inaccessible area during the site reconnaissance had been used to store dry fertilizer; however, it is currently empty. A copy of the interview questions and answers is located in Appendix 10.

### 10.2 Interviews with Occupants

The Subject Property is unoccupied, with the exception of items stored by Ceres Solutions.

### 10.3 Interviews with Others

No other individuals were identified for an interview regarding the Subject Property.

Local and state governmental agency files were obtained through FOIA requests and the files were reviewed by Fishbeck. No questions arose from the file reviews that would require an interview with the government agencies.

## 11.0 Findings, Opinions, and Conclusions

Significant findings, and Fishbeck's opinions on whether those finding meet the definition of a REC, are discussed as they are identified within the body of this report and the following conclusion was drawn:

Fishbeck has performed a Phase I ESA in conformance with the scope and limitations of the ASTM Standard at 3 and 15 East Main Street and 15 Courtland Street, City of Hart, Oceana County, Michigan, the Subject Property. Any exceptions to, or deletions from, this practice are described in the Limitations and Exceptions section of this report. This assessment has revealed the following RECs, HRECs, and/or CRECs:

- A. A gasoline UST was shown on the 1910 and 1920 Sanborn Maps on the southwest portion of the Subject Property. Additionally, a gasoline UST was shown in the East Main Street right-of-way on the 1920 Sanborn Map, near the northeast corner of the Subject Property. It is unknown whether the USTs are still present. One 550-gallon diesel UST was removed in 1990; however, the location of the former UST is unknown. Heating oil USTs associated with the former residences and other USTs may also be present.
- B. A gasoline bulk storage area with four ASTs was shown as present on the 1946 Sanborn Map, near the southwest corner of the Subject Property. The ASTs remained present until sometime between 1977 and 1986.
- C. An auto repair shop was shown near the northeast corner of the Subject Property on the Sanborn Maps dated 1920 through 1946. Hazardous substances and/or petroleum substances were likely stored and used during this time.
- D. The historic presence of railroad tracks on the west side of the Subject Property.
- E. The use and storage of agricultural chemicals including hazardous substances and petroleum products on the Subject Property.

## 12.0 Data Gap Analysis

Fishbeck was unable to determine the first developed use of the Subject Property and was, therefore, unable to achieve the historical research objectives identified in the ASTM standard, even after reviewing the standard historical resources identified in the ASTM standard that were reasonably ascertainable and likely to be useful. Based on our knowledge of the historic developed uses, this data failure is not considered likely to have a material impact upon the findings and conclusions of this report. Therefore, this data failure is not considered a significant data gap.

The lack of a title search for recorded environmental liens and activity use limitations is a data failure. City of Hart is not aware of any environmental liens or activity use limitations on the Subject Property, and the report provided by EDR did not find any activity and use limitations listed for the Subject Property. Fishbeck reviewed the EGLE online database Environmental Mapper (<http://www.mcgi.state.mi.us/environmentalmapper/>) for any land use or activities restrictions for the Subject Property. The database did not show any recorded land use or activities restrictions on the Subject Property. There were no additional environmental conditions identified at the Subject Property during the course of this investigation that, in Fishbeck's opinion, would necessitate the recording of an environmental lien by a governmental agency or an activity use limitation on the Subject Property's deed. Therefore, this data failure is not considered a significant data gap.

The site reconnaissance was limited by the presence of snow on the ground and the inability to access a portion of Building D. Based on an interview with the owner representative, this portion of the building is empty, but it was used previously to store dry fertilizer. This data failure is not considered a significant data gap.

As of the date of this report, a response to a FOIA request has not been received from the fire department. During the 2021 Phase I ESA, the fire department indicated they did not have files for the Subject Property. Therefore, this data failure is not considered a significant data gap.

## 13.0 Deviations

In the process of conducting this Phase I ESA, the following deviations were made from the ASTM Standard:

- A. The State of Michigan does not publish two separate lists that are directly comparable to the NPL and CERCLIS listings. Michigan compiles a List of Contaminated Sites (Part 201 sites, Inventory sites, and/or BEA sites) which includes both sites that have been investigated and those requiring investigation. This one list serves the purpose of both the CERCLIS and NPL lists on a state level.

## 14.0 Nonscope Services

No additional services were requested as part of this Phase I ESA.

## 15.0 References

ASTM Standard E 1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

The *EDR Radius Map with GeoCheck®*.

The *EDR Aerial Photo Decade Package*.

Certified *Sanborn® Map Report*.

The *EDR-City Directory Image Report*.

Historical Topographic Maps; *EDR Historical Topo Map Report*.

EGLE GeoWebFace database (<http://ww2.deq.state.mi.us/GeoWebFace/>).

USDA, Natural Resources Conservation Service, (<http://websoilsurvey.nrcs.usda.gov/app/>) *Web Soil Survey*.

EGLE Environmental Mapper database (<http://www.mcgi.state.mi.us/environmentalmapper/>).

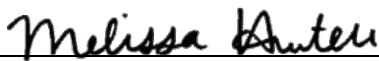
## 16.0 Signatures of Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of an Environmental Professional, as defined in 40 CFR §312.10.

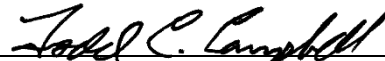
We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

Assessment Conducted By:

Assessment Reviewed By:



Melissa R. Hunter, E.P.



Todd C. Campbell, CPG

Qualification statements for the Fishbeck personnel responsible for conducting this Phase I ESA are provided as Appendix 11.

# Appendix 1

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**abandoned property** – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

**activity and use limitations (AULs)** – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

**Discussion** – The term activity and use limitations (AULs) is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of “institutional controls.” Department of Defense and International County/City Management Association use “Land Use Controls.” The term “land use restrictions” is used but not defined in the Brownfields Amendments).

**actual knowledge** – knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

**adjoining properties** – any real property or properties the border of which is contiguous or partially contiguous with that of the subject property, or that would be contiguous or partially contiguous with that of the subject property but for a street, road, or other public thoroughfare separating them.

**aerial photographs** – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities.

**all appropriate inquiries** – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the subject property consistent with good commercial and customary practice as defined in CERCLA, 42 USC § 9601(35)(B) and 40 CFR Part 312, that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 USC §§ 9601(35)(A) & (B), § 9607(b)(3), § 9607(q), and § 9607(r)), assuming compliance with other elements of the defense. See Appendix X1.

**approximate minimum search distance** – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the subject property and shall be measured from the nearest subject property boundary. This term is used in lieu of radius to include irregularly shaped properties.

**bona fide prospective purchaser** [42 USC § 9607(r)] – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from all appropriate inquiries would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

**Brownfields Amendments** – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107118 (2002), 42 USC § 9601 et seq.

**building department records** – those records of the local government in which the subject property is located indicating permission of the local government to construct, alter, or demolish improvements on a property.

**business environmental risk (BER)** – a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. Consideration of BER issues may involve addressing one or more nonscope considerations, some of which are identified in Section 13.

**commercial real estate** – any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the construction of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

**commercial real estate transaction** – a transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of constructing or developing dwelling units.

**construction debris** – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

**contaminated public wells** – public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents) or petroleum products, or as having water unsafe to drink without treatment.

**contiguous property owner** [42 USC § 9607(q)] – a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of the subject property and did not know or have reason to know that the subject property was or could be contaminated by a release or threatened release from the contiguous property. The all-appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

**controlled recognized environmental condition** – recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). For examples of controlled recognized environmental conditions, see Appendix X4.

**Discussion** – Identification of a controlled recognized environmental condition is a multistep process that shall be reflected in the report’s Findings and Opinions section(s), as described in 12.5 and 12.6, including the environmental professional’s rationale for concluding that a finding is a controlled recognized environmental condition:

(1) When determining whether a recognized environmental condition has been “addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place,” the environmental professional shall review reasonably ascertainable documentation, such as no further action letters (or similar certifications or approvals) issued by the applicable regulatory authority or authorities, or, in the case of self-directed actions, documentation and relevant data that satisfy risk-based criteria established by the applicable regulatory authority or authorities.

(2) In determining whether a recognized environmental condition is “subject to implementation of required controls (for example, activity and use limitations or other property use limitations),” the environmental professional shall identify the documentation providing the control(s) that addresses the recognized environmental condition in the report’s Findings and Opinions section(s).

(3) When the environmental professional determines that a recognized environmental condition is “subject to implementation of required controls,” this determination does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the control(s).

(4) A past release that previously qualified as a controlled recognized environmental condition may no longer constitute a controlled recognized environmental condition at the time of the Phase I Environmental Site Assessment if new conditions or information have been identified such as, among other things, a change in regulatory criteria, a change of use at the subject property, or a subsequently identified migration pathway that was not previously known or evaluated.

**data failure** – failure to achieve the historical research objective in 8.3.1 even after reviewing the standard historical resources in 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See 8.3.6.

**data gap** – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See 12.6.

**de minimis condition** – a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.

**demolition debris** – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to a property.

**drum** – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

**dry wells** – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and nonintentional), and wastewater disposal (often illegal).

**due diligence** – the process of inquiring into the environmental characteristics of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties, and differing purposes. See Appendix X1.

**dwelling** – structure or portion thereof used for residential habitation.

**engineering controls** – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on a property. Engineering controls are a type of activity and use limitation (AUL).

**environment** – environment shall have the same meaning as the definition of environment in CERCLA 42 USC § 9601(8)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 “Releases or Threatened Releases.”

**environmental compliance audit** – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

**environmental lien** – 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) & 9607(r) and similar state or local laws.

**environmental professional** – a person meeting the education, training, and experience requirements as set forth in 40 CFR § 312.10(b). For the convenience of the reader, this section is reprinted in Appendix X2. The person may be an independent contractor or an employee of the user.

**environmental site assessment (ESA)** – the process by which a person or entity seeks to determine if a subject property is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting all appropriate inquiries. An environmental site assessment is both different from and often less rigorous than an environmental compliance audit.

**ERNS list** – EPA’s emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 355.

**fill dirt** – dirt, soil, sand, or other earth, that is obtained offsite, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

**fire insurance maps** – maps originally produced for fire insurance purposes that indicate uses of properties at specified dates.

**good faith** – absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

**hazardous substance** – a substance defined as a hazardous substance pursuant to CERCLA 42 USC § 9601(14), as interpreted by EPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 USC § 6921) (but not including any waste the regulation of which under RCRA (42 USC § 6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under Section 112 of the Clean Air Act (42 USC § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (See Appendix X1.)

**hazardous waste** – any hazardous waste having the characteristics identified under or listed pursuant to Section 3001 of RCRA, as amended, (42 USC § 6921) (but not including any waste the regulation of which under RCRA (42 USC §§ 6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 USC § 6903, as: “a solid waste, or combination of

solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may: (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness, or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

**hazardous waste/contaminated sites** – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

**historical recognized environmental condition** – a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition. For examples of historical recognized environmental conditions, see Appendix X4.

**Discussion** – Identification of a historical recognized environmental condition is a multistep process that shall be reflected in the report’s Findings and Opinions section(s), as described in 12.5 and 12.6, including the environmental professional’s rationale for concluding that a finding is a historical recognized environmental condition:

(1) When determining whether a recognized environmental condition has been “addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the regulatory authority or authorities,” the environmental professional shall review reasonably ascertainable documentation and relevant data that demonstrate that unrestricted use criteria established by the applicable regulatory authority or authorities was met.

(2) A past release that qualified as a historical recognized environmental condition may no longer qualify as a historical recognized environmental condition if new conditions or information have been identified such as, among other things, a change in regulatory criteria or a subsequently identified migration pathway that was not previously known or evaluated. As noted, the report’s Findings and Opinions section(s) shall include the environmental professional’s rationale for concluding that a condition at the subject property is or is not currently a recognized environmental condition or a historical recognized environmental condition.

**IC/EC registries** – databases of institutional controls or engineering controls that may be maintained by a federal, state, or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as, but not limited to the following: Declaration of Environmental Use Restriction database (Arizona), Land Use Restriction Sites (California Department of Toxic Substances Control), Sites with Deed Restrictions (California State Water Resources Control Board), Environmental Covenant List (Washington), Sites With Environmental Covenants and Use Restrictions (Colorado), Institutional Control Registry (Indiana), Environmental Site Tracking and Research Tool (Missouri), and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

**innocent landowner** [42 USC §§ 9601(35) & 9607(b)(3)] – a person may qualify as one of three types of innocent landowners: (1) a person who “did not know and had no reason to know” that contamination existed on the subject property at the time the purchaser acquired the subject property; (2) a government entity which acquired the subject property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; or (3) a person who “acquired the facility by inheritance or bequest.” To qualify for the innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all-appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

**institutional controls (IC)** – a legal or administrative mechanism (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of activity and use limitation (AUL).

**interviews** – those portions of this practice that are conducted to gather information from an individual or individuals in person, by telephone, in writing, or via other electronic media to meet the objectives of this practice.

**key site manager** – the person identified by the owner or operator of a subject property as having good knowledge of the uses and physical characteristics of the subject property. See 10.5.1.

**land title records** – records that affect the title of real estate, which may include, among other things, deeds, mortgages, leases, land contracts, court orders, easements, liens, and AULs recorded within the recording systems or land registration systems created by state statute in every state and ordinarily administered in the local jurisdiction (usually the county) in which the subject property is located, and available by performing a title search. Such records are publicly accessible, though the process of performing a title search to find land title records often requires specialized expertise or knowledge of the local system (see 5.4 – AULs and Environmental Liens in Land Title Records). Information about the title to the subject property that is filed or stored in any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the subject property is located, are not considered land title records.

**landfill** – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

**landowner liability protections (LLPs)** – a defense to CERCLA available to bona fide prospective purchasers, contiguous property owners, and innocent landowners. See 42 USC §§ 9601(35)(A), 9601(40), 9607(q), and 9607(r).

**local government agencies** – those agencies of municipal or county government having jurisdiction over the subject property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

**local street directories** – directories published by private or government entities that list the occupant(s) of a specific address at the time the occupant data were collected, typically within a year of the publication date of the directory.

**major occupants** – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the subject property or any anchor tenant when the subject property is a shopping center.

**material safety data sheet (MSDS)** – see safety data sheet.

**material threat** – obvious threat which is likely to lead to a release and that, in the opinion of the environmental professional, would likely result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

**migrate/migration**, v/n – for the purposes of this practice, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

**Discussion** – Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

**National Priorities List (NPL)** – list compiled by EPA pursuant to CERCLA 42 USC § 9605(a)(8)(B) of sites with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See 40 CFR Part 300.

**obvious** – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer.

**occupants** – those tenants, subtenants, or other persons or entities using a property or a portion of a property.

**operator** – person responsible for the overall operation of a facility.

**other historical resources** – any resource other than those designated in 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of properties. See 8.3.4.9.

**owner** – generally the fee owner of record of a property.

**petroleum exclusion** – the exclusion from CERCLA liability provided in 42 USC § 9601(14), as interpreted by the courts and EPA: “The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

**petroleum products** – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 USC § 9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosine, diesel oil, jet fuels, and fuel oil, pursuant to *Standard Definitions of Petroleum Statistics, American Petroleum Institute, Fifth Edition, 1995.*)

**Phase I Environmental Site Assessment** – the process described in this practice.

**physical setting sources** – resources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of the area that includes the subject property. See 8.2.1.

**pits, ponds, or lagoons** – manmade or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

**practically reviewable** – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the subject property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the subject property or a geographic area in which the subject property is located are not generally practically reviewable. Most data bases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only

chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much information is generated that it cannot be feasibly reviewed regarding its impact on the subject property, it is not practically reviewable.

**property** – real property, including buildings and other fixtures and improvements located on and affixed to the land.

**property use limitation** – limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria.

**property tax files** – files kept for property tax purposes by the local jurisdiction which may include records of past ownership, appraisals, maps, sketches, photographs, or other information.

**publicly available** – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

**RCRA generators** – those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

**RCRA TSD facilities** – those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

**reasonably ascertainable** – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

**recognized environmental conditions** – (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

**Discussion** – For the purposes of this definition, “likely” is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

**Discussion** – A de minimis condition is not a recognized environmental condition. See Appendix X4: Additional Examination of the Recognized Environmental Condition Definition and Logic.

**records review** – that part that is contained in Section 8 of this practice that addresses which records shall or may be reviewed.

**release** – a release of any hazardous substance or petroleum product shall have the same meaning as the definition of “release” in CERCLA 42 USC § 9601(22). There are a number of statutory exclusions from the definition of release that may impact the environmental professional’s opinions and conclusions, such as the normal application of fertilizer. For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 “Releases and Threatened Releases.”



**report** – written report prepared by the environmental professional and constituting part of a “Phase I Environmental Site Assessment,” as required by this practice.

**safety data sheets** – written or printed material that is prepared by chemical manufacturers and importers for distributors’ and employers’ use that provides comprehensive information regarding a hazardous chemical pursuant to OSHA’s Hazard Communication Standard (HCS), 29 C.F.R. § 1910.1200.

**significant data gap** – a data gap that affects the ability of the environmental professional to identify a recognized environmental condition. See 12.6.2.

**site reconnaissance** – that part that is contained in Section 9 of this practice and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.

**site visit** – the visit to the subject property during which observations are made constituting the site reconnaissance section of this practice.

**solid waste disposal site** – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

**solvent** – a chemical compound that is capable of dissolving another substance and may itself be a hazardous substance, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment cleanup, and surface degreasing in metal fabricating industries.

**standard environmental record sources** – those records specified in 8.2.2.

**standard historical resources** – those resources of information about the history of uses of properties specified in 8.3.4.

**standard physical setting resources** – recent USGS 7.5 Minute Topographic Map (or equivalent) showing contour lines and the area on which the subject property is located, and site-specific physical setting information obtained pursuant to agency file reviews. See 8.2.1.

**standard practice** – the activities set forth in this practice.

**standard sources** – sources of environmental, physical setting, or historical records specified in Section 8 of this practice.

**subject property** – the property that is the subject of the environmental site assessment described in this practice.

**sump** – pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

**topographic map** – graphic representation delineating natural and manmade features of an area or region in a way that shows their relative positions and elevations.

**TSD facility** – treatment, storage, or disposal facility. See 3.2.71.

**underground injection** – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

**underground storage tank (UST)** – any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10 % or more beneath the surface of the ground.

**User** – the party seeking to use Practice E1527 to complete an environmental site assessment of the subject property.

**Discussion** – A user may include, without limitation, a potential purchaser of subject property, a potential tenant of subject property, an owner of the subject property, a lender, or a property manager. A user seeking to qualify for an LLP to CERCLA liability, or a user that is an EPA Brownfield Assessment and Characterization grantee, has specific responsibilities for completing a successful application of this practice as outlined in Section 6.

**USGS 7.5-Minute Topographic Map** – USGS Topographic Map, including the current US Topo 7.5Minute Series or the historical 7.5Minute Topographic Series, which is available from the United States Geologic Survey and showing the subject property.

**Visually and/or physically observed, v** – during a site visit pursuant to this practice, this term means observations made by visual, auditory, or olfactory means while performing the site reconnaissance.

**Wastewater** – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

**Zoning/land use records** – those records of the local government of areas encompassing the subject property indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps or written records.

Source: ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process*.

# Appendix 2

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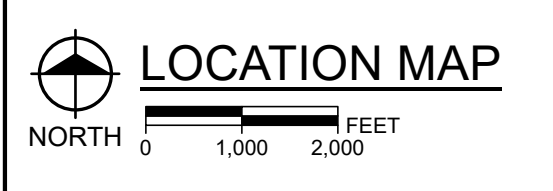
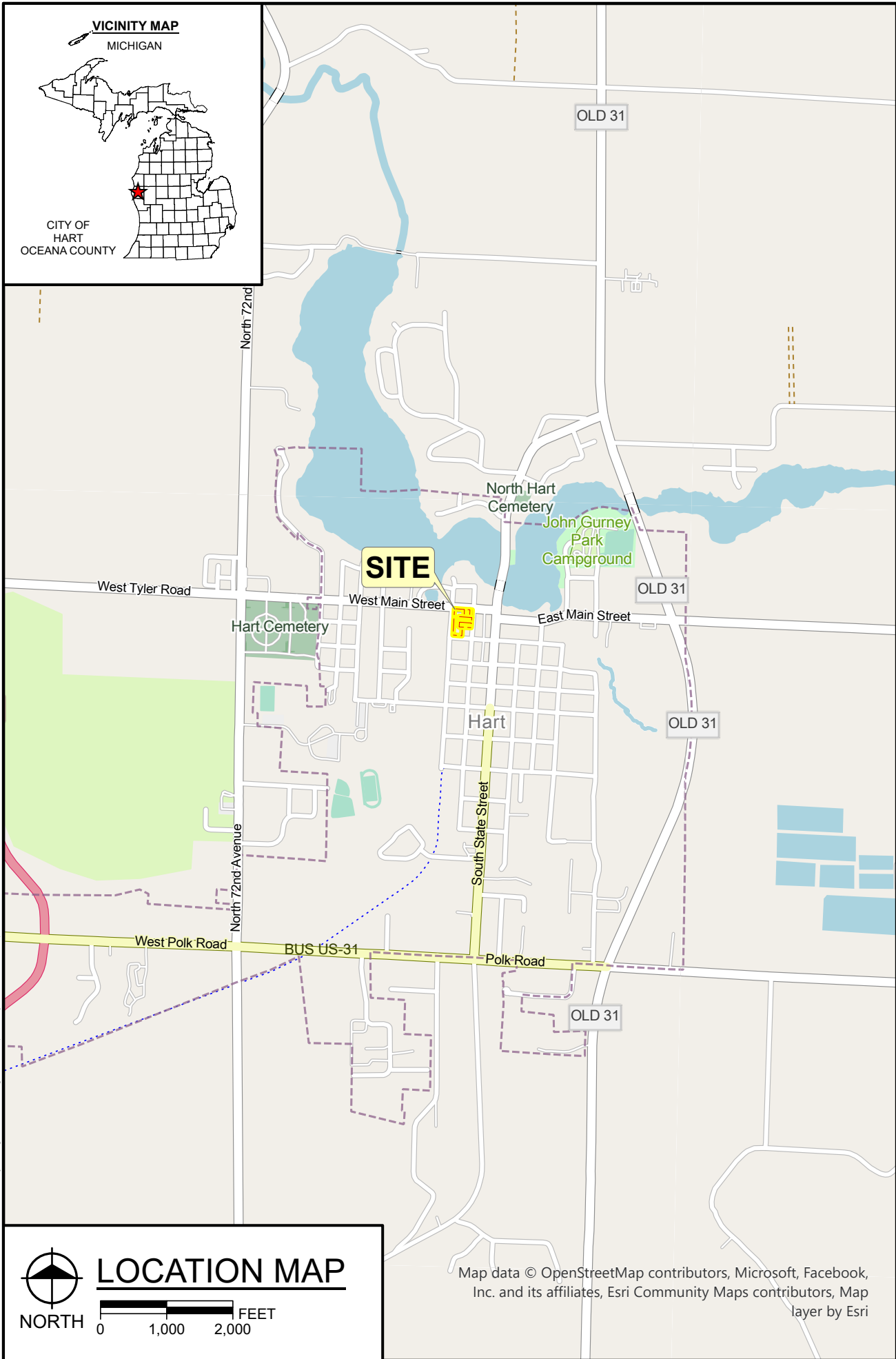
Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

**3 & 15 E Main St & 15 Courtland St, Hart, Michigan**

**Phase I  
 Environmental Site Assessment**

PROJECT NO.  
 221675

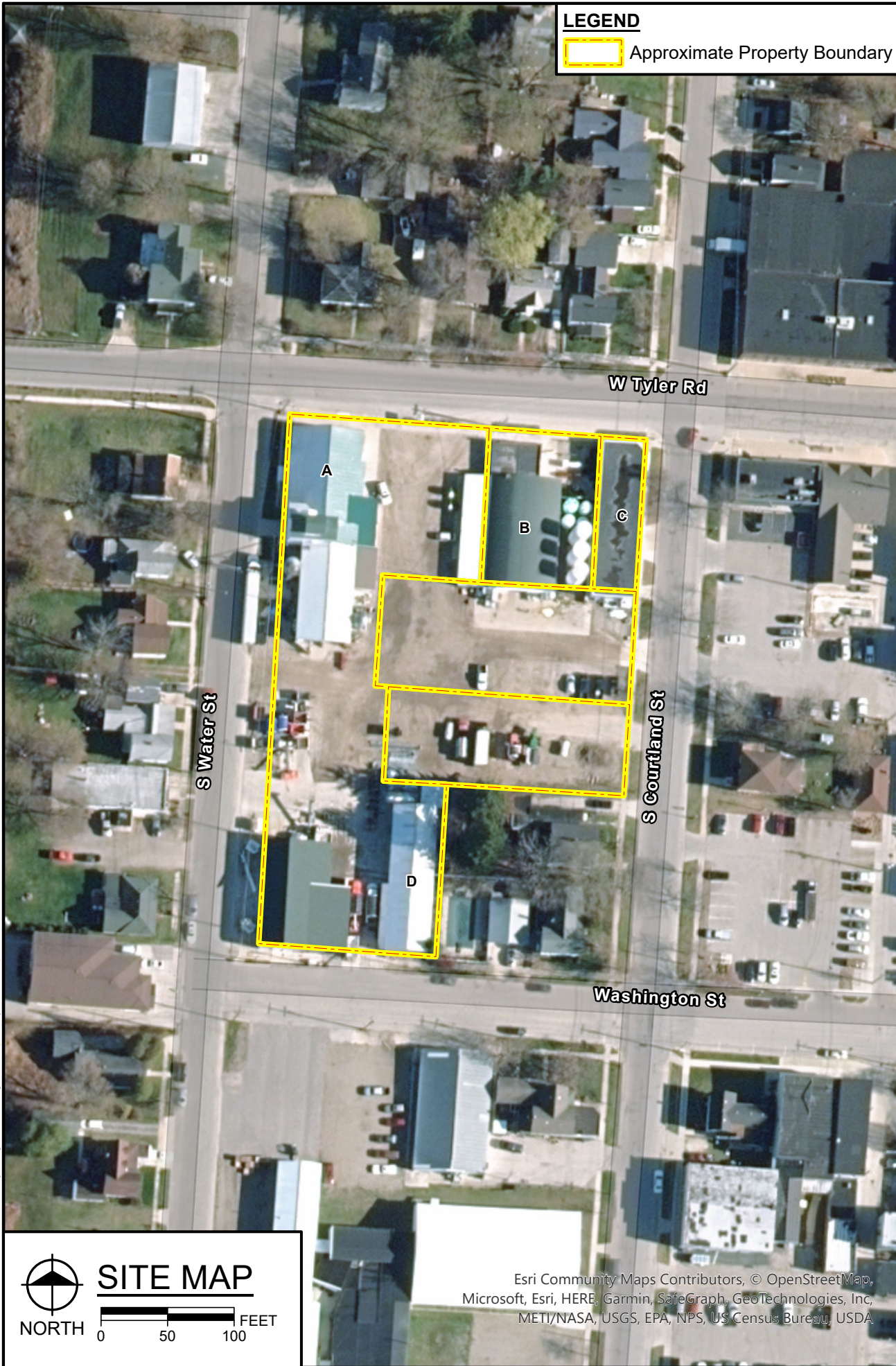
FIGURE NO.



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri

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PLOT INFO: Z:\2022\221675\CAD\GIS\ProProj\Michigan ESA\Michigan ESA.aprx Layout: Site Map Date: 12/6/2022 9:30 AM User: abhavens



**LEGEND**

 Approximate Property Boundary



Engineers | Architects | Scientists | Constructors

Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

**3 & 15 E Main St & 15 Courtland St, Hart, Michigan**

**Phase I  
Environmental Site Assessment**

PROJECT NO.  
221675

FIGURE NO.



**SITE MAP**

Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

# Appendix 3

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# User Questionnaire



## ASTM Standard Practice E1527-21

PROJECT NAME	Phase I ESA – City of Hart	PROJECT NO.	221675
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### INTRODUCTION

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that “All Appropriate Inquiry” is not complete.

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

**Question:** Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?  Yes *If yes, explain.*  No

**Supporting Documentation Required:** Provide land title search results for liens to Fishbeck.

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

**Question:** Are you aware of any activity use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?  Yes *If yes, explain.*  No

**Supporting Documentation Required:** Provide judicial record search results for activity use limitations to Fishbeck.

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

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

# User Questionnaire



## ASTM Standard Practice E1527-21

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

**Question:** Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes  No *If no, explain.*

Purchase price is lower than market value as an act of goodwill by the Ceres Co-operative in hopes that the property will benefit the community.

If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the property?

Yes *If yes, explain.*  No

5. Commonly known or reasonable ascertainable information regarding the property

**Question:** Are you aware of commonly known or reasonably ascertainable information regarding the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:

- a. Do you know the past uses of the property?  Yes *If yes, describe.*  No

Fertilizer storage & retail

- b. Do you know of specific chemicals that are present, or once were present, at the property?  
 Yes *If yes, describe.*  No

- c. Do you know of spills or other chemical releases that have taken place at the property?  
 Yes *If yes, describe.*  No

- d. Do you know of any environmental cleanups that have taken place at the property?  
 Yes *If yes, describe.*  No



# User Questionnaire

## ASTM Standard Practice E1527-21



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


**Question:** As the user of this Phase I ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes *If yes, describe.*  No

The fact that the property was used to store chemicals would be an obvious indicator but only if there was a leak or spill, which we are not aware of.

Phase I ESA User: City of Hart Tax Increment Finance Authority (TIFA)\_\_\_\_\_

Name: Nichole Kleiner (TIFA Secretary)\_\_\_\_\_

Signature: \_\_\_\_\_

Date: 11/22/2022\_\_\_\_\_



**WESTSHORE**  
ENGINEERING & SURVEYING  

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ENVIRONMENTAL

**Phase I Environmental Site Assessment**  
**3 East Main Street**  
**15 East Main Street**  
**15 Courtland Street**  
**Hart, Michigan 49420**

Located in NW 1/4 of NE 1/4 of Section 17, T15N, R17W  
City of Hart, Oceana County, Michigan

*Prepared for:*

**Ceres Solutions Coop.**  
*2112 Indianapolis Road ▪ Crawfordsville, IN 47933*

*Prepared by:*

**Westshore Engineering and Surveying, PLLC**  
*2534 Black Creek Road ▪ Muskegon, MI 49444*  
*Phone: (231) 777-3447 ▪ Fax: (231) 773-3453*  
[Service@Westshore.net](mailto:Service@Westshore.net)  
[Westshore.net](http://Westshore.net)

*04496-0001*

*August 26, 2021*

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- Appendix G - City Directory Image Report
- Appendix H - Interview Documentation

## 1.0 Executive Summary

Westshore Engineering and Surveying, PLLC (Westshore) has performed a Phase I Environmental Site Assessment (ESA) of the three contiguous properties located at 3 East Main Street, 15 East Main Street, and 15 Courtland Street, Hart, Michigan 49420 (Subject Property). The tax parcel identification numbers are as follows:

64-020-207-004-50	3 East Main Street
64-020-207-004-00	
64-020-207-001-00	
64-020-207-005-00	15 East Main Street
64-020-207-008-00	15 Courtland Street

The Phase I ESA was completed for Ceres Solutions Coop. The purpose of this study is to identify, to the extent feasible pursuant to the processes prescribed herein, *recognized environmental conditions (RECs)* in connection with the Subject Property.

The Subject Property is located in a mixed-use area in the city of Hart with commercial and residential properties present. The Subject Property was first developed prior to 1894 with residential dwellings and structures. Commercial operations began on the Subject Property between 1894 and 1900, with a produce warehousing and fruit packing operation in the southwest corner, a flour and feed operation in the northwest corner, a grocery store in the northeast corner, and a railroad siding present on the Subject Property in 1900. Throughout the 1900s, numerous commercial businesses have operated on the Subject Property including: a mill, grain elevator, warehousing, bean and grain cleaning, auto repair, shoe repair, acetylene welding, gasoline bulk station, petroleum sales, irrigation, and farmers co-op. Currently, an agricultural co-op and petroleum sales operation are present on the Subject Property.

After conducting *all appropriate inquiry* into the Subject Property, this assessment has revealed no evidence of *recognized environmental conditions (RECs)* in connection with the Subject Property, except for the following:

- The historical use of the Subject Property as gasoline bulk sale, petroleum sale, auto repair, and agricultural chemical sale operations.
- The historical presence of railroad sidings on the Subject Property.
- The possible presence of abandoned USTs associated with the historical use of the Subject Property.
- The presence of petroleum staining on the building and ground surface in the vicinity of the petroleum building truck dock.

Additional investigation to further define the environmental conditions on the Subject Property may be warranted (a Phase II ESA investigation) depending on the objectives of the *User* of this Phase I ESA.

## 2.0 Introduction

### 2.1 Location and Legal Description

This document and the study completed to create it represent a Phase I Environmental Site Assessment (ESA) for three contiguous properties located at 3 East Main Street, 15 East Main Street, and 15 Courtland Street, Hart, Michigan 49420 (Subject Property). The Subject Property occupies much of the city block encompassed by Main Street to the north, Courtland Street to the east, Washington Street to the south, and Water Street to the west in the City of Hart.

The Subject Property is comprised of five (5) parcels, totaling approximately 2.753 acres in size. The map coordinates of the Subject Property are located within the Northwest 1/4 of the Northeast 1/4 of Section 17 in the City of Hart (T15N, R17W), Oceana County, Michigan. The tax parcel identification numbers and sizes are as follows:

64-020-207-004-50	3 East Main Street	0.361 acres
64-020-207-004-00		0.311 acres
64-020-207-001-00		1.455 acres
64-020-207-005-00	15 East Main Street	0.356 acres
64-020-207-008-00	15 Courtland Street	0.270 acres

Figure 1 is a site location map, Figure 2 contains a 2018 aerial photograph and street view image, and Figure 3 contains the local tax map. Appendix A contains photographs taken during the site inspection and Appendix B contains the parcel legal description.

### 2.2 Purpose

The objective of the Phase I ESA was to identify, to the extent feasible pursuant to the processes prescribed herein, indications of possible environmental contamination, known as *recognized environmental conditions (RECs)*. It is intended to satisfy the “*all appropriate inquiry*” requirements established under the federal Superfund law, federal regulations in 40 CFR Part 312, and Parts 201 and 213 of Michigan’s Natural Resources and Environmental Protection Act (NREPA), PA 451 of 1994. *Recognized environmental conditions* are generally defined as the presence, or likely presence, of hazardous substances or petroleum products in, on, or at a property: due to any release to the environment; under conditions indicative of a release to the environment; or, under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not *recognized environmental conditions*.

### 2.3 Detailed Scope of Services

The scope of services was defined in accordance with the American Society for Testing and Materials Standard for Phase I ESAs (ASTM Standard E1527-13). Words or terms shown in italics in this document are defined in the ASTM Standard.

A records review, site reconnaissance, interviews and evaluation were conducted, and this document produced. Specific sources, records, and resources utilized in conducting and preparing this Phase I ESA are documented in Section 7.7 References.

### 2.4 General Limitations

Westshore's Phase I ESA of the Subject Property was performed in accordance with ASTM Standard E1527-13 and good commercial and customary practice in the fields of environmental

engineering and science. This statement is in lieu of other statements either expressed or implied. Westshore is not responsible for independent conclusions, opinions, or recommendations made by others based on the information contained in this report.

During the performance of this Phase I ESA, no limiting conditions or exceptions which would be expected to materially affect the results of this Phase I ESA were encountered, unless otherwise expressly noted in this report. As is the case with any investigation of limited scope, site conditions may vary from those observed and witnessed on the date of the site reconnaissance/walk-through survey. The possibility of the discovery of the presence of hazardous substances that are not anticipated and/or were neither witnessed nor identified on the date of the site reconnaissance cannot be completely eliminated. Westshore cannot offer any form of warranty and/or guarantee that the Subject Property does not contain hazardous substances and/or conditions per the results of performing this ESA.

## **2.5 Significant Assumptions**

In the course of our work, we assumed that the documents and interview information we obtained were true and correct. When using our professional judgment to discern more important items from less important items which also involved making assumptions; such assumptions were based on our experience, training, and knowledge of ESA work.

## **2.6 Special Terms and Conditions**

Westshore was not aware of special terms and/or conditions for this work.

## **2.7 Reliance**

This work may be relied upon by Ceres Solutions Coop. and their assignees. The scope of services performed in the execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this report or its evaluations are at the risk of said users. This report may not be used or relied upon by any other third party without the written consent of Westshore Consulting. Readers of this report are encouraged to call Westshore at (231) 777-3447 if they have any questions.

### **3.0 User Provided Information**

The *User* of this Phase I ESA is Ceres Solutions Coop. Mr. Rodney Stevens, representative of the *User*, was provided with a questionnaire that listed a battery of questions designed to obtain any knowledge with regard to past, present or suspected environmental contamination on the Subject Property and/or adjacent or nearby properties. Mr. Stevens completed the User questionnaire on June 25, 2021, and a copy is included in Appendix H.

#### **3.1 Title Records**

A copy of the title policy for the Subject Property was not provided by the User.

#### **3.2 Environmental Liens or Activity and Use Limitations**

Mr. Stevens did not indicate any knowledge of existing environmental liens or activity use limitations on the Subject Property.

#### **3.3 Specialized Knowledge**

Mr. Stevens reported no specialized knowledge indicating *RECs* or concerns with regard to the Subject Property. Mr. Stevens reported the storage and sale of fertilizers, herbicides, pesticides, and petroleum products on the Subject Property. The chemicals are properly stored, utilizing modern containment, hazardous material best management practices, and in accordance with applicable local, state, and federal laws.

Upon inquiry by Westshore, Mr. Stevens reported a pesticide release on the Subject Property. The release occurred in the bulk pesticide loadout area and discharged into a nearby storm drain. The storm drains then carried the pesticide into Hart Lake to the north. Following the pesticide release, all of the storm drains on the Subject Property were sealed and disconnected from the municipal storm drain system.

#### **3.4 Valuation Reduction for Environmental Issues**

Mr. Stevens reported no knowledge of a reduction in the value of the Subject Property as a result of specific environmental issues.

#### **3.5 Commonly Known or Reasonably Ascertainable Information**

Mr. Stevens reported prior use of the Subject Property as a commercial farm supply operation. Mr. Stevens reported no additional specific knowledge of any commonly known or reasonably ascertainable environmental concerns regarding the Subject Property of vicinity.

#### **3.6 Reason for Performing Phase I ESA**

This Phase I ESA was completed in support of the potential future sale of the Subject Property by Ceres Solutions Coop. and the *User's* desire to soundly manage environmental risk. This Phase I ESA would meet a new purchasers requirements to satisfy the due diligence qualification requirements for the innocent landowner, contiguous property owner or bona fide prospective purchaser defenses to liability under the federal Superfund law (the Comprehensive Environmental Response, Compensation, and Liability Act or CERCLA) as defined in 42 USC Section 9601(35)(B)), as well as Part 201 and Part 213 of Michigan's Natural Resources and Environmental Protection Act (NREPA) PA 451 of 1994.



**3.7 Other *User* Provided Information**

No other *User* information was provided.

## 4.0 Records Review

### 4.1 Standard Environmental Record Sources

On June 24, 2021, Westshore obtained a third-party search of government databases containing information on sites of potential environmental concern in the vicinity of the Subject Property. This search met the requirements of the applicable Phase I ESA standard (ASTM E1527-13) and a copy of the report is provided in Appendix C.

The database report identified the Subject Property (located at 3 East Main Street) in eleven (11) separate listings and a total of 14 databases (some of which were duplicates). Site names and database listings are summarized in the following table.

Ceres Solutions Coop	FINDS	Registration in the SSTS database – tracks pesticide-producing operations
Ceres Solutions Coop	FINDS ECHO	Identifies a NPDES permit Compliance and enforcement of the NPDES permit
Fremont Co-op Produce	FTTS Hist. FTTS	Inspection of pesticide production Inspection of pesticide production
Fremont Produce Coop	SSTS	Pesticide producing operation tracking system
Hart Countrymark Coop	FTTS Hist. FTTS	Inspection of pesticide production Inspection of pesticide production
Countrymark, Inc.	UST	One gasoline and one diesel UST closed 1990
North Central Co-op	AST	Two LPG tanks closed 2012
	ERNS	~500 gallons of herbicide released in 2008
North Central Cooperation	FINDS	Registration in the SSTS database
Hart Countrymark Coop	NPDES	General NPDES permit in-effect

A FOIA request was submitted to the Michigan Department of Licensing and Regulatory Affairs (LARA) for information regarding the closure of the USTs. See Section 4.6 for additional information.

The database search identified forty-two (42) other sites of potential environmental concern within the specified search distances, some of which are duplicates. Two listings for the west adjacent property at 100 Water Street indicate a former power plant, with listings in the Coal Ash and SEMS-Archive databases. See Section 6.5 for more information. There are two listings for the west adjacent property at 101 Water Street, with listings in the Inventory, RCRA-VSQG, FINDS, and ECHO databases. A FOIA request was submitted to EGLE for a 2015 Baseline Environmental Assessment (BEA) for the 101 Water Street property. See Section 4.6 for a summary of findings.

Westshore reviewed the remaining thirty-eight (38) listings and determined that the listed sites were unlikely to have an adverse impact on the Subject Property from contaminant migration via groundwater migration and/or vapor encroachment. This conclusion was based on the horizontal distance and/or direction of the sites from the Subject Property, or the listed status of the sites.

The database report identified two (2) orphan sites (i.e., unplotable sites) that could not be mapped with the available information by the database search company. Westshore reviewed the two listings and determined that the sites were unlikely to have an adverse impact on the Subject Property from contaminant migration via groundwater migration and/or vapor encroachment. This conclusion was based on the horizontal distance and/or direction of the sites from the Subject Property, or the listed status of the sites.

#### **4.2 Additional Environmental Record Sources**

The Michigan Department of Environment, Great Lakes and Energy (EGLE), Office of Oil, Gas, and Minerals online interactive GeoWeb Face mapping system was reviewed for oil and gas wells and active mining sites, and associated geologic information including potable water well records. EGLE online records for underground storage tanks (USTs), leaking underground storage tanks (LUSTs), the Inventory of Part 201 Facilities, and the Environmental Mapper were reviewed for the Subject Property and vicinity. EGLE online records in the Wellogic statewide groundwater database, and the Office of Drinking Water and Municipal Assistance scanned water well record retrieval system were reviewed for the Subject Property and vicinity. Excerpts of the associated maps and records identified are included in Appendix D.

There are no oil and gas wells or mining sites depicted within approximately 1.0 mile of the Subject Property.

The Subject Property is not listed in the Inventory of Part 201 Facilities, UST, or LUST databases.

The Environmental Mapper depicts environmental records for several nearby properties, located less than 0.5 miles from the Subject Property. The map identifies a Baseline Environmental Assessment (BEA) for the southwest adjacent property. See Section 4.6 for more information. Based on the listed site status, horizontal distance, and direction of the sites from the Subject Property, the remaining listed properties are unlikely to have an adverse impact on the Subject Property from contaminant migration via groundwater migration and/or vapor encroachment.

There are no water wells listed in the Wellogic System database for the Subject Property. Water wells in the vicinity are primarily used for household purposes. One Type II and two Type I water wells are located south of the Subject Property. Nearby water wells are screened between 40 and 122 feet deep. The static water level in the water wells ranges from 11 to 65 feet. The Subject Property is not depicted as being in a wellhead protection area.

#### **4.3 Physical Setting Sources**

The USGS topographic map, Hart Quadrangle, 1972, Provisional Edition 1983 (Figure 1), depicts eight buildings on the Subject Property. The nearby properties are all depicted as developed, situated in the downtown area of Hart, Michigan.

The elevation of Subject Property appears to be approximately 650 feet above mean sea level. Topography in the area generally slopes downward to the west and north. Two surface water bodies are depicted in the vicinity of the Subject Property. To the north is Hart Lake, an impoundment on the Pentwater River. Just west of the Subject Property is Russell Creek. Russell Creek flows into

Hart Lake. Local topography and surface water features indicate regional groundwater flow is to the north towards Hart Lake.

#### **4.4 Historical Use Information on the Subject Property**

Information pertaining to the past uses of the Subject Property came from the sources discussed above, interviews discussed in Section 6.0, and a review of municipal files, historical fire insurance maps, historical topographic maps, historical aerial photographs, and city directory listings as discussed below.

##### ***Local Municipal Files***

The Oceana County Equalization online records were reviewed. A Freedom of Information Act (FOIA) request was sent to the District Health Department Number 10 and the City of Hart Assessor, Fire, and Public Works Departments to obtain copies of any records or files they might have with regard to environmental concerns at the Subject Property. Available records are provided in Appendix B.

The Oceana County Equalization online records for the Subject are summarized in the table below.

<b>Parcel ID/Address</b>	<b>Owner</b>	<b>Size and Property Class</b>	<b>Notes:</b>
020-207-001-00 3 East Main Street	North Central Cooperative Inc.	1.455 acres Commercial-Improved	3,200 ft <sup>2</sup> – Warehouse 1,300 ft <sup>2</sup> – Warehouse 3,840 ft <sup>2</sup> – Equipment Bldg. 3,510 ft <sup>2</sup> –Fertilizer Storage Bldg. 2,736 ft <sup>2</sup> – Equipment Bldg. 611 ft <sup>2</sup> – Utility Bldg. 176 ft <sup>2</sup> – Steel Grain Bin
020-207-004-00 3 East Main Street	North Central Cooperative Inc.	0.311 acres Commercial-Improved	4,950 ft <sup>2</sup> - Warehouse
020-207-004-50 3 East Main Street	North Central Cooperative Inc.	0.361 acres Commercial-Improved	3,168 ft <sup>2</sup> - Warehouse
020-207-005-00 15 East Main Street	North Central Cooperative Inc.	0.356 acres Residential-Improved	
020-207-008-00 15 Courtland Street	Ceres Solutions	0.270 acres Residential-Vacant	

The District Health Department Number 10 did not have any records for the Subject Property and indicated the Subject Property utilizes city water and sewer.

The City of Hart Fire Department was interviewed via phone on July 12, 2021. Assistant Chief, Mr. Tim Tubbs, did not locate any records for the Subject Property in their database.

The City of Hart Public Works Department did not have any records for the Subject Property.

### ***Historical Fire Insurance Maps***

A Certified Sanborn® Map Report was obtained from a third party and is included in Appendix E. A total of six (6) fire insurance maps were reviewed and are dated: 1894, 1900, 1910, 1920, 1930, and 1946.

The 1894 map depicts eight (8) residential dwellings on the Subject Property. Additionally, the map identifies nine (9) additional structures that are stables and/or shed type buildings.

The 1900 map depicts five (5) residential dwellings on the Subject Property. The southwest portion of the Subject Property is occupied by E.S. Houghtaling Produce Warehouse and Fruit Packing. This operation includes two buildings. A railroad siding runs along the west property boundary, connecting to the E.S. Houghtaling operation. Near the end of the siding, along the western property boundary, a building identified as a cooper is depicted. A Flour and Feed building is depicted in the northwest corner of the Subject Property. A Grocery Store is depicted in the northeast corner portion of the Subject Property.

The 1910 map depicts five (5) residential dwellings on the Subject Property. The southwest portion of the property is comprised of seven (7) buildings operating as a Grain Elevator – Hay and Feed by Lewellyn and Watcher. A gasoline engine provides power, and is supplied by a 50-gallon tank. Two railroad sidings are depicted, entering the Subject Property from the south. A Lime building is depicted as part of the Grain Elevator operation. The Hart Creamery Company occupies the building in the northwest corner of the Subject Property. The map identifies coal as the fuel source. Just east of the Hart Creamery is a building identified as Feed. The commercial operation in the northeast corner of the Subject Property is identified as Vacant, and has an oven on the south side of the building.

The 1920 map depicts four (4) residential dwellings on the Subject Property. The southwest portion of the Subject Property is a Grain and Produce operation by Lewellyn-Watcher Inc. The southwest portion of the map is similar to the 1910 map except a Hay and Feed Warehouse is located north of the main buildings. The northwest portion of the Subject Property is occupied by three buildings owned by Hart Cooperative Marketing Association. The buildings include a warehouse (with a salt warehouse on the south side of the building), a mill, and a bean and grain cleaning facility. Additionally, a railroad siding enters the Hart Cooperative operation along the west Subject Property boundary. Three commercial operations are present in the northeast corner of the Subject Property and include an auto repair operation, a shoe repair operation, and an acetylene welding operation. A 120-gallon gasoline tank is depicted in the Main Street right-of-way, north of the auto repair building.

The 1930 map depicts five (5) residential dwellings on the Subject Property. The southwest portion of the Subject Property appears similar to the 1920 map except the buildings are described as Vacant Warehouses. The northwest portion of the Subject Property is occupied by the Farm Bureau Supply Store operation, and appears similar to the 1920 map. A building located south of the

Produce Warehouse is labeled as Crate and Barrel Storage. The northeast portion of the Subject Property appears similar to the 1920 map, except the shoe repair building is labeled as Store.

The 1946 map depicts five (5) residential dwellings on the Subject Property. The southwest portion of the Subject Property is depicted with the two railroad sidings, but the buildings are no longer present. The northwest portion of the Subject Property appears similar to the 1930 map, except the main building appears larger. Located in the west-central portion of the Subject Property is a Gasoline Bulk Station, with a total of four iron oil tanks on the ground. A Pump House is also depicted on the map. The northeast portion of the Subject Property is similar to the 1930 map.

### ***Historical Topographic Maps***

A historical topographic map report was obtained from a third party and is included in Appendix E. The maps were reviewed by Westshore and are dated: 1931, 1959, 1983, and 2014.

The 1931, 1959, and 1983 maps depict the Subject Property with numerous buildings, located within the city of Hart. The 2014 map does not depict any buildings.

### ***Aerial Photographs***

Thirteen (13) aerial photographs with fly over dates from 2018 to 1938 were reviewed (Appendix F and Figure 2). Scale and quality varied and limited interpretation. The aerials reviewed are dated: 1938, 1955, 1965, 1972, 1977, 1986, 1993, 1999, 2006, 2009, 2012, 2016, and 2018.

The 1938 and 1955 aerials depict numerous buildings on the Subject Property. The resolution of the image limit interpretation beyond building identification.

The 1965 aerial depicts three buildings along the north property boundary, one building along the south property boundary, and several smaller structures within the interior of the Subject Property. Two aboveground storage tanks (ASTs) appear to be visible in the west-central portion of the Subject Property.

The 1972 aerial is similar to the 1965 aerial except there appears to be more development in the west-central and southwest portions of the Subject Property. Specifically, there appears to be two buildings along the west property boundary (in the vicinity of the 1965 aerial ASTs) and the southwest building appears larger.

The 1977 aerial is similar to the 1972 aerial except numerous containers appear to be present in the southwest/central portion of the Subject Property. The resolution of the image limits interpretation of the container type.

Poor resolution of the 1986 aerial limits interpretation.

The 1993 aerial depicts additional buildings in the southwest and west portions of the Subject Property. The containers depicted in the 1977 aerial are no longer visible.

The 1999 and 2006 aerials depict the Subject Property similar to the 1993 aerial.

The 2009 aerial is similar to the 1993 to 2006 aerials except six ASTs are visible in the northeast portion of the Subject Property. Additionally, the building/s in the west-central portion of the Subject Property are not visible.

The 2012 to 2018 aerials are similar to the 2009 aerial, depicting the Subject Property similar to that observed during the site reconnaissance performed for this Phase I ESA.

### ***City Directories***

A review of EDR's-City Directory Image Report depicting directories dated 1992 through 2017 for the Subject Property, was performed by Westshore (Appendix G). The directories were reviewed on approximate 5-year intervals.

The Subject Property address of 3 East Main Street was listed as North Central Coop from 2017 to 2014, Hart Coop Inc in 2010, Farmers Petroleum Inc. and Hart Coop in 2005, Hart Comp Incorporated in 2000, and Countrymark Inc. and Great Lakes Irrigation in 1995. There was no listing in the 1992 directory.

The Subject Property address of 15 East Main Street was not listed in the reviewed city directories.

It appears the former property address of 17 East Main Street was a part of the Subject Property. Listings include Farmers Petroleum Coop in 2010, Bills Starter and Alternator in 2005, Farmers Petroleum Company Operative Incorporated from 2000 to 1995. There was no listing in the 1992 directory.

The Subject Property address of 15 Courtland Street was listed as residential from 2017 to 1995. There was no listing in the 1992 directory.

## **4.5 Historical Use Information on Adjoining Property**

### ***Historical Fire Insurance Maps***

Historical fire insurance maps were reviewed as described above (Appendix E). The Subject Property is located in an area of mixed residential, commercial, and industrial use. Adjacent properties with commercial and/or industrial uses are described below.

The south adjacent property is depicted as a railroad depot and various warehousing operations in the 1984 to 1946 maps. Alongside the railroad, a coal shed is depicted in the 1910 to 1930 maps.

A livery is depicted on the southwest adjacent property in the 1900 to 1920 maps. The same building is depicted as an Oil Warehouse in the 1930 map. The 1946 map depicts the building as Auto Sales and Service.

A west adjacent property is depicted as a crate factory in the 1910 to 1946 maps.

The northeast adjacent property is depicted as a steam laundry and bicycle repair shop in the 1900 map. The 1910 map depicts a printing shop and garage operation. The map identifies the buildings use gasoline as fuel. The 1920 map depicts a second-hand store and painting shop. The 1930 and 1946 maps depict an auto repair garage, with two gasoline tanks in the East Main Street right-of-way.

An east adjacent property is depicted as a furniture storage operation in the 1900 map. The 1910 map identifies a cobbler building and a carriage painting building on the property. The 1920 map identifies an auto repair building, tin shop building, and a farm implements building on the property. The 1930 map identifies a sign painting building, tin shop building, and an implement storage building on the property. Additionally, a small above ground gasoline tank is depicted on the property. The 1946 map identifies a welding building, tin shop building, and an implement storage building on the property.

The remaining adjacent properties are depicted as either residential or undeveloped in the reviewed maps.

***Historical Topographic Maps***

Historical topographic maps were reviewed as described above (Appendix E).

The 1931, 1959, and 1983 maps depict the adjacent properties with numerous buildings, located in the downtown area of Hart. The 2014 map does not depict any buildings.

***Aerial Photographs***

Historical aerial photographs were reviewed as discussed above (Appendix F and Figure 2).

The north adjacent properties are depicted with residential dwellings and structures in the 1938 to 2018 aerials.

The east adjacent properties are depicted with residential dwellings and structures in the 1938 to 1965 aerials. In the 1972 aerial, two of the east adjacent properties (the southernmost two) appear to be commercial buildings with parking lots. The 1977 to 2018 aerials depict all of the east adjacent properties with commercial buildings, structures, and/or parking lots.

The southeast adjacent properties are depicted with residential dwellings and structures in the 1938 to 2018 aerials.

The south adjacent properties are depicted with commercial buildings and parking lots in the 1938 to 2018 aerials.

The west adjacent properties are depicted as a mix of residential dwellings and commercial buildings in the 1938 to 2018 aerials.

***City Directories***

A review of EDR’s City Directory Image Report was performed as described above (Appendix G).

Commercial listings of relevance along Main Street and Courtland Street are summarized below.

<b>Address</b>	<b>Direction from Subject Property</b>	<b>Year/s</b>	<b>Tenant/Occupant</b>
105 East Main Street	East Adjacent	2017 – 2010	Hart Pizza
19 Courtland Street	East Adjacent	2005 - 2000	Grand Dance Production LTD
16 Courtland Street	East Adjacent	2005	Courtland Street Gallery & Gifts LLC
		2000 - 1995	Courtland House

**4.6 Previously Conducted Reports and/or Investigations**

***Subject Property***

The UST facility (ID: 00017953) file was obtained via a FOIA request. The file included various notification forms, correspondence letters, and an Underground Storage Tank Closure Excavation



Zone Assessment Report. The documents all pertain to removing and closing two 550-gallon USTs. One tank contained gasoline and one contained diesel. The Assessment Report includes the analytical reports and sampling methodology. All samples were below method detection limits. The report does not identify the location of these tanks on the Subject Property.

No additional previously conducted reports or investigations regarding the Subject Property were obtained or discovered by checking standard sources.

#### *Adjacent Properties*

A 2015 Baseline Environmental Assessment (BEA) was identified for the west adjacent property located at 101 South Water Street. A FOIA request was submitted to EGLE for the BEA report and a summary follows.

The BEA identifies three *recognized environmental conditions (RECs)* associated with the 101 South Water Street property. The *RECs* include historical vehicle maintenance/repair and body shop operations, the likelihood of former UST use and possible releases, and the likelihood of migrating contamination from the east adjacent agricultural co-op and railroad operations (the Subject Property of this Phase I ESA).

A Phase II ESA was conducted to address these *RECs* and included a ground penetrating radar and electromagnetic induction (GPR/EM) survey, soil borings, and temporary monitoring wells.

The Phase II ESA identified mercury in soil above EGLE Part 201 generic residential cleanup criteria (GRCC). Detections of PNAs were noted in shallow fill soil and debris below EGLE Part 201 GRCC.

No additional previously conducted reports or investigations regarding adjacent properties were obtained or discovered by checking standard sources.

## **5.0 Site Reconnaissance**

### **5.1 Methodology and Limiting Conditions**

Mr. Adam Mulling, Westshore Project Geologist, inspected the Subject Property on July 2, 2021. Westshore completed the site reconnaissance accompanied by the *User/owner* representative, Mr. Rodney Stevens. The site reconnaissance was conducted by walking the grounds and making observations.

During the site reconnaissance the weather was clear and sunny, with no conditions limiting observation of the ground surface for evidence of staining, stressed vegetation, and/or other indications of environmental concern. Photographs documenting the conditions observed during the site visit, as well as the surrounding property use are included in (Appendix A). Adjoining properties were observed from the Subject Property boundaries, or via tour of public rights-of-way or other public areas.

### **5.2 General Site Setting**

The Subject Property is located in a mixed-use area in the city of Hart with commercial and residential properties present. Commercial operations are located adjacent northeast, east, south, and west. Residential properties are located adjacent north, southeast, and west of the Subject Property. The topography of the area is relatively flat. The area generally slopes downward to the north.

### **5.3 Current Use and Improvements of Subject Property**

The Subject Property is currently occupied by four buildings, parking areas, numerous driveways, former building foundations (concrete slabs), and an AST storage area.

The southwest adjacent properties are separated from the Subject Property by portions of fencing. Full public utilities service the Subject Property including natural gas, electric, water, sewer, and storm sewer.

### **5.4 Current Uses of Adjoining Properties**

Commercial and industrial uses of adjoining properties are as follows:

- 105 East Main Street – east adjacent – Hart Pizza
- 112 East Main Street - northeast adjacent – Hegg’s Gallery-Fine Furniture
- 11 Washington Street – south adjacent – Catholic Charities
- 101 South Water Street – west adjacent – Progressions Work Center

The remaining adjacent properties are residential.

### **5.5 Interior Observations**

The building in the northwest corner of the Subject Property is separated into three main areas. The northern portion was formerly used as a retail space, with indoor storage of commercial farming and outdoor goods on the main floor. The second floor was utilized as office space. Connected to the south side of the retail portion of the building is the grain elevator and mill. South of the grain elevator and mill is a portion of the building that was utilized for storage. Overhead

doors on the south side of the building provide access to loading docks and a truck storage bay. A floor drain is present in the truck storage bay. Mr. Stevens reported the drain is sealed (see Section 3.3 for more information). Minor staining was observed around the drain and appeared *de minimus* in nature.

East of the retail building (along the northern property boundary) is a building utilized for pesticide/herbicide storage and office space. The western portion of the building is a covered lean-to, with former storage of salt and packaged outdoor products. The northern portion of the building is utilized as office space. Overhead doors on the south side of the building provide access to the bulk pesticide/herbicide storage portion of the building. Four plastic ASTs are located on the east side of the building, within a concrete containment structure. Electric pumps are used to dispense the chemicals into smaller containers for sale. Absorbent spill products were observed within the containment structure. In addition to pesticides and herbicides, point-of-sale petroleum products are stored in the building. Products observed at the time of inspection included various lubricants and oils. Numerous new and empty ASTs were observed inside the building and were stored for sale. A small shed is attached to the exterior of the west side of the building. An AST containing fuel oil is located in the shed, within a concrete containment structure. This fuel oil is used for heating the retail portion of the building.

The petroleum storage building is located in the northeast corner of the Subject Property. This building stores both point-of-use petroleum products and bulk products for sale. Point-of-use products were generally in the northern portion of the building and included various lubricants, oils, diesel exhaust fluid, and fuel additives. A small heated portion of the building contained a bulk AST of diesel exhaust fluid. The southern portion of the building contains three ASTs containing fuels/oils for sale. The ASTs are located within a concrete containment structure. Stained concrete was observed within the containment structure and the pump dispensers. Overhead doors along Courtland Street provide access for loading/unloading of the petroleum products. An AST containing fuel oil is located in the northeast portion of the building. This tank is used to fuel the furnace for heating the building and is located in a concrete containment structure.

The building located on the southern property boundary (fourth building) was empty at the time of inspection. Several sliding doors provide access to interior stalls. Mr. Stevens reported the stalls formerly contained bulk dry fertilizer products.

## **5.6 Exterior Observations**

The Subject Property occupies the majority of an entire block. Most of the Subject Property is occupied by gravel driveways and parking areas. In the southwest portion of the Subject Property the ground surface is primarily concrete, with what appears to be several former building foundations. Sidewalks and grass terraces are present around the perimeter of the Subject Property along all four bordering streets.

Seven ASTs are present in the northeast portion of the Subject Property, located inside a concrete containment structure. There was standing water present in the bottom of the tank containment area at the time of inspection. There was no sheen observed on the containment water. The loadout area is on the south side of the tanks, adjacent to the loadout for the herbicide/pesticide building. The tanks and infrastructure appeared modern and in good condition. Standing rainwater was present in and around a storm drain located just outside the loadout area. Mr. Stevens reported the drain was sealed. Numerous empty containers were present in the vicinity of the loadout area, some of which were reported by Mr. Stevens to be used for collecting the water that collects within

the containment structure (i.e., the containers are filled with containment water and then properly disposed of).

On the exterior of the petroleum building, in the vicinity of the truck dock, petroleum staining was observed along the base of the door, on the building siding, along the building foundation, and on the sidewalk.

Several areas of the Subject Property were utilized for outdoor storage of equipment and retail items.

A truck scale is located in the southwest corner of the Subject Property.

A grain elevator auger mechanism is present along the west side of the retail building. This auger is encased in concrete with a metal grate.

With the exception of the petroleum staining mentioned above, there were no signs of hazardous materials mismanagement on the exterior areas of the Subject Property. There were no underground storage tanks, fill pipes, vent pipes, signs of landfilling, significant waste disposal/dumping, indications of encroachment, or general indicators of environmental concern on the Subject Property.

## **6.0 Interviews**

### **6.1 Interview with Owner**

Mr. Rodney Stevens, representative of the owner/*User* of the Subject Property, Ceres Solutions Coop., was interviewed by Westshore to obtain any knowledge with regard to any past, present or suspected environmental contamination on the Subject Property and/or adjacent or nearby properties. See Section 3.0 for more information.

### **6.2 Interview with Key Site Manager**

Mr. Stevens is the Site Manager; therefore, no other site managers were interviewed.

### **6.3 Interviews with Occupants**

No occupants were available for interview.

### **6.4 Interviews with Past Owners, Operators, and Occupants**

No past owners, operators, or occupants were available for interview.

### **6.5 Interviews with State and/or Local Governmental Officials**

The southwest adjacent property (located at 100 Water Street) was identified in the Coal Ash and SEMS-Archive databases as a former power plant (see Section 4.1). Correspondence with EGLE employee Thomas Berdinski identified the property as the former Hart Electric Plant, with a NPDES permit for cooling water discharges. The plant operated using diesel fuel, and Mr. Berdinski wasn't aware of any coal ash on the property.

No additional local government officials were interviewed. The relevant State and Local government files and records were reviewed via FOIA or in-person and are discussed in Sections 4.2, 4.4, and 4.6 of this Phase I ESA.

### **6.6 Interviews with Others**

No other interviews were conducted for this Phase I ESA.

## 7.0 Evaluation

### 7.1 Findings

The Subject Property is located in a mixed-use area in the city of Hart with commercial and residential properties present. The Subject Property was first developed prior to 1894 with residential dwellings and structures. Commercial operations began on the Subject Property between 1894 and 1900, with a produce warehousing and fruit packing operation in the southwest corner, a flour and feed operation in the northwest corner, a grocery store in the northeast corner, and a railroad siding present on the Subject Property in 1900. Throughout the 1900s, numerous commercial businesses have operated on the Subject Property including: a mill, grain elevator, warehousing, bean and grain cleaning, auto repair, shoe repair, acetylene welding, gasoline bulk station, petroleum sales, irrigation, and farmers co-op. Currently, an agricultural co-op and petroleum sales operation are present on the Subject Property.

The Subject Property was listed in a total of fourteen (14) databases. The listings included numerous pesticide production operation database listings, two NPDES listings, one UST listing, and an ERNS listing (see Section 4.1). Several of the pesticide production operation listings reference inspections, all of which found the site to be in compliance.

The UST listing identifies two tanks that were removed from the ground and closed in 1990. Soil verification sampling was conducted and the site assessment did not identify a release.

The ERNS listing identifies an herbicide release in 2008. The release occurred outside the herbicide/pesticide building. The database indicates approximately 500 gallons of herbicide was released and entered a storm drain leading to Hart Lake. Mr. Stevens (*user/owner representative*) reported that following the release, all of the storm drains on the Subject Property were disconnected from the storm sewer system.

The database search identified forty-two (42) other sites of potential environmental concern within the specified search distances, some of which are duplicates. Two listings for the west adjacent property at 100 Water Street indicate a former power plant, with listings in the Coal Ash and SEMS-Archive databases. See Section 6.5 for more information. There are two listings for the west adjacent property at 101 Water Street, with listings in the Inventory, RCRA-VSQG, FINDS, and ECHO databases. A FOIA request was submitted to EGLE for a 2015 Baseline Environmental Assessment (BEA) for the 101 Water Street property; see Section 4.6 for a summary of findings.

Westshore reviewed the remaining thirty-eight (38) listings and determined that the listed sites were unlikely to have an adverse impact on the Subject Property from contaminant migration via groundwater migration and/or vapor encroachment.

Numerous historical uses and operations on the Subject Property have the potential to have impacted the environmental condition of the Subject Property. As such, the overall historical use of the Subject Property is a *REC*. Specific historical uses of concern are identified below.

Aerial photographs and historical fire insurance maps identified a former bulk gasoline sales operation in the west central portion of the Subject Property. Four iron ASTs were present on the Subject Property in 1946. The former bulk gasoline sales operation is a *REC*.

The 1920 historical fire insurance map identifies an auto repair operation in the north west portion of the Subject Property. The map also identifies a 120-gallon gasoline tank in the Main Street right-of-way. No records were located regarding the removal of the UST. The former auto repair operation and UST is a *REC*.

Railroad sidings connected various operations on the west side of the Subject Property to the main line in the late 1800s and early 1900s. The former presence of railroad operations on the Subject Property is a *REC*.

Various agricultural operations have provided bulk chemical storage and sales, beginning prior to current environmental and best management practices. Chemicals have included numerous pesticides, herbicides, liquid fertilizers, dry fertilizers, and deicing chemicals. This is a *REC*.

The historical use of the Subject Property as a bulk gasoline sale, auto repair, and petroleum sale operation provides the possibility of abandoned USTs on the Subject Property. This is a *REC*.

The site reconnaissance identified petroleum staining in the vicinity of the petroleum building truck dock. The staining was evident on the truck dock door, building siding, building foundation, ground surface, and sidewalk. This is a *REC*.

## 7.2 Opinion

Westshore has conducted *all appropriate inquiry* into the environmental conditions of the Subject Property, by utilizing standard sources.

Four *RECs* were discovered with respect to the Subject Property. Specifically, the historical use of the Subject Property (as gasoline bulk sale, petroleum sale, auto repair, and agricultural chemical sale operations), the historical presence of railroad sidings, the possible presence of abandoned USTs, and the presence of petroleum staining on the building and ground surface in the vicinity of the petroleum building truck dock.

Additional investigation to further define the environmental conditions on the Subject Property may be warranted (a Phase II ESA investigation) depending on the objectives of the *User* of this Phase I ESA.

## 7.3 Data Gaps

*Reasonably ascertainable, standard historical sources* were not adequate for fully delineating the complete history of use prior to 1938. This is a common occurrence and this *data failure* did not appear to present a *significant data gap*.

No other *data gaps* were noted for this Phase I ESA.

## 7.4 Conclusions

Westshore Engineering and Surveying, PLLC has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 for the three contiguous properties located at 3 East Main Street, 15 East Main Street, and 15 Courtland Street, Hart, Michigan 49420 (Subject Property). Any exceptions to, or deletions from this practice are described in Section 2.4 of this report.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Subject Property, except for the following:

- The historical use of the Subject Property as gasoline bulk sale, petroleum sale, auto repair, and agricultural chemical sale operations.
- The historical presence of railroad sidings on the Subject Property.

- The possible presence of abandoned USTs associated with the historical use of the Subject Property.
- The presence of petroleum staining on the building and ground surface in the vicinity of the petroleum building truck dock.

Additional investigation to further define the environmental conditions on the Subject Property may be warranted (a Phase II ESA investigation) depending on the objectives of the *User* of this Phase I ESA.

## 7.5 Additional Services

No other additional services (i.e. wetland delineation, lead-based paint survey, asbestos containing material survey, mold survey) were requested in association with this Phase I ESA. These non-scope considerations are considered by ASTM E1527-13 as *Business Environmental Risks (BERs)*, defined as “a risk which can have a material environmental or environmental-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.”

Westshore briefly addressed select *BER* issues in Section 8.0.

## 7.6 Limiting Conditions/Deviations

Westshore is aware of no deviations from ASTM Practice E1527-13 in this Phase I ESA. Minor variations within the guidelines published by ASTM were made according to Westshore’s professional judgment, the variation in available information, and any described limitations.

## 7.7 References

Aerial photographs, various years. Westshore Consulting, Oceana County GIS, and internet-based sources, June and July 2021.

American Society of Testing and Materials. ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. November 2013.

Berdinski, Thomas, Michigan Department of Environment, Great Lakes, and Energy. Personal communication. July 2021.

City of Hart Assessor’s, Building, Fire, and Public Works Departments. FOIA, personal communication, and internet-based sources, June and July 2021.

District Health Department #10, FOIA, July 2021.

Environmental Data Resources Inc., EDR Radius Map Report, Historical Topo Map Report, Certified Sanborn® Map Report, Aerial Photo Decade Package, and City Directory Image Report. June 23, 24, and 29, 2021.

Oceana County Equalization Department files, online information. June 2021.

Michigan Department of Environment, Great Lakes, and Energy. GeoWebFace, interactive map viewer for oil and gas wells, surface mines, geologic information and water well records. June 2021.

Michigan Department of Environment, Great Lakes, and Energy. Online databases for underground storage tanks, Environmental Mapper and Part 201 facilities. June 2021.



Stevens, Rodney, representative of the Owner/User of the Subject Property. Questionnaire and personal communications. July 2021.

United States Geological Survey. Topographic Map, 7.5 Minute Quadrangle Series, Hart Quadrangle, 1972; Provisional Edition 1983.

### 7.8 Signatures of Environmental Professionals

This Phase I ESA was completed by Mr. Adam Mulling and Mr. Roger A. Bour. I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

  
\_\_\_\_\_  
Roger A. Bour  
Senior Project Manager

08/26/2021  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Adam D. Mulling  
Project Geologist

08/26/2021  
\_\_\_\_\_  
Date

### 7.9 Qualifications of Environmental Professionals

The qualifications of the *Environmental Professional and Staff that completed* this Phase I ESA follow.

**ROGER A. BOUR***Senior Environmental Project Manager***Education**

*B.S., Water Science, Northern Michigan University, 1985*  
*Continuing Education, Business, Grand Valley State University, 1986-1990*

**YEARS IN PROFESSION - 36****Certifications and Training**

- *ASTM Risk Based Corrective Action*
- *Brownfield Redevelopment & Environmental Due Diligence*
- *Contract and Project Management*
- *Environmental Regulation and Groundwater Monitoring*
- *OSHA 40-Hour Personal Protection Safety Course 1997 and Annual 8-Hour Refreshers (Handling Hazardous Materials)*
- *MDEQ Part 201 Cleanup Criteria Training*
- *General Awareness Training in Hydrogen Sulfide (H2S) Safety in accordance with ANSI Z-390 Standards, 2018-2020*

Mr. Bour provides and oversees a wide range of Westshore services, including coordinating multiple technical services for complex property transactions and/or remedial actions. Mr. Bour is an *Environmental Professional* as defined in Section 312.10 of 40 CFR 312. He has the specific qualifications based on education, training, and experience. He takes lead responsibility for Brownfield and Environmental Site Assessment services and has extensive experience and knowledge in Phase I, II and III Site Assessments, Baseline Environmental Assessments and Due Care Plans. Mr. Bour has a broad background in all types of regulatory compliance issues including air, stormwater, wastewater, groundwater, waste management, hazardous waste, spill contingency planning, OSHA, MIOSHA, MSHA, land and dredge. Mr. Bour also has extensive experience in regulatory compliance for mining, railroad, power generation, trucking/distribution, defense contractors, automotive parts manufacturing, food service, furniture manufacturing, chemical manufacturing, and other commercial/industrial operations.

Mr. Bour also has experience as a wet chemistry laboratory technician, sampling of groundwater, surface water, waste, and wastewater. He has conducted treatability studies of industrial and municipal wastewater, and is a certified commercial and industrial wastewater treatment plant operator (16 classifications).

Westshore Consulting, Muskegon, Michigan (2012-current) – *Senior Environmental Project Manager*

Trace Analytical Laboratories, Inc., Muskegon, Michigan. (2010-2012) – *Project Manager*

Lakeshore Environmental, Inc., Grand Haven, Michigan (1997-2010) – *Senior Project Manager*

WW Engineering and Science/Earth Tech, Grand Rapids, Michigan (1991-1997) – *Project Scientist*

Dell Engineering/Environmental Services, Inc., Holland, Michigan (1985-1991) – *Project Scientist/Lab+ Field Technician*

**Areas of Expertise**

- *Environmental Science and Management*
- *Regulatory Compliance and Environmental Laws and Policy*
- *Environmental Investigations and Site Assessments (Phase I, II, III, BEA, and Due Care Plans)*
- *Land Use, Development and Brownfield Redevelopment*
- *Brownfield Management and Oversight*
- *Surface Water, Stormwater and Watershed Management*
- *Environmental Sampling and Testing*
- *Environmental Liability Evaluation*
- *Hydrogeologic Investigations and Remedial Action Associated with Underground Storage Tank and Industrial Facilities*
- *Analysis of Environmental Samples for Contaminants using Volatile and Semi-Volatile EPA Methods*

**ADAM D. MULLING, M.S.***Project Geologist***Education**

*B.S., Geology, Grand Valley State University, 2012*  
*M.S., Geospatial Sciences in Geology, Geography, and Planning, Missouri State University, 2015*

**Certifications and Training**

- *OSHA 40-Hour Hazardous Waste Operations and Emergency Response Course and Refreshers (Handling Hazardous Materials)*
- *First Aid/CPR/AED Training (American Red Cross), 2018*

**YEARS IN PROFESSION - 4****Previous Employers**

*Ozarks Environmental and Water Resources Institute*

- *General Awareness Training in Hydrogen Sulfide (H<sub>2</sub>S) Safety in accordance with ANSI Z-390 Standards, 2018*
- *EGLE/MDEQ & ITRC Training Workshops*

Adam joined Westshore Consulting in 2018 and has provided a wide range of environmental services during that time including field services, preparing technical reports, conducting and preparing Environmental Site Assessments (Phase I and Phase II), groundwater modeling, and on-site coordination of cleanup activities related to petroleum releases. Mr. Mulling has a broad background in geology, geochemistry, environmental studies, and Geographic Information Systems (GIS).

Adam has a background in report preparation including Phase I and Phase II Environmental Site Assessments, Baseline Environmental Assessments, Due Care Plans, Closure Reports, and Status Update Reports for sites regulated under Parts 201 and 213 of Michigan's Environmental Law.

During Adam's two-year tenure at the Ozarks Environmental and Water Resources Institute, he provided field, laboratory, and reporting services for a variety of surface water and sediment quality projects. Projects included evaluation of watershed scale best management practices (BMPs) intended to reduce nutrient loading to surface water bodies, as well as watershed scale investigations into the spatial and temporal distribution of legacy lead mining waste in surface water systems. GIS was used extensively during this time to provide spatial solutions and statistical support to complex environmental studies.

Adam has knowledge in a variety of investigative techniques for monitoring and sampling groundwater, surface water, soil gas, sub-slab vapor, soils, and sediment; as well as the drilling and installation of monitoring wells.

**Selected Publications**

- Mulling, A.D., 2015. "*Sediment-Phosphorus Response to Reduced Point Source Loading in the James River Watershed, Southwest Missouri*" Master's Thesis – Missouri State University.
- Pavlovsky, R.T., Owen, M.R., Mulling A.D., 2015 "*Water Quality Monitoring and Load Reduction Evaluation from Detention Basin Retrofits in Springfield, Missouri: Final Report to the Missouri Department of Natural Resources*" Technical Report for the Missouri DNR.

**Areas of Expertise**

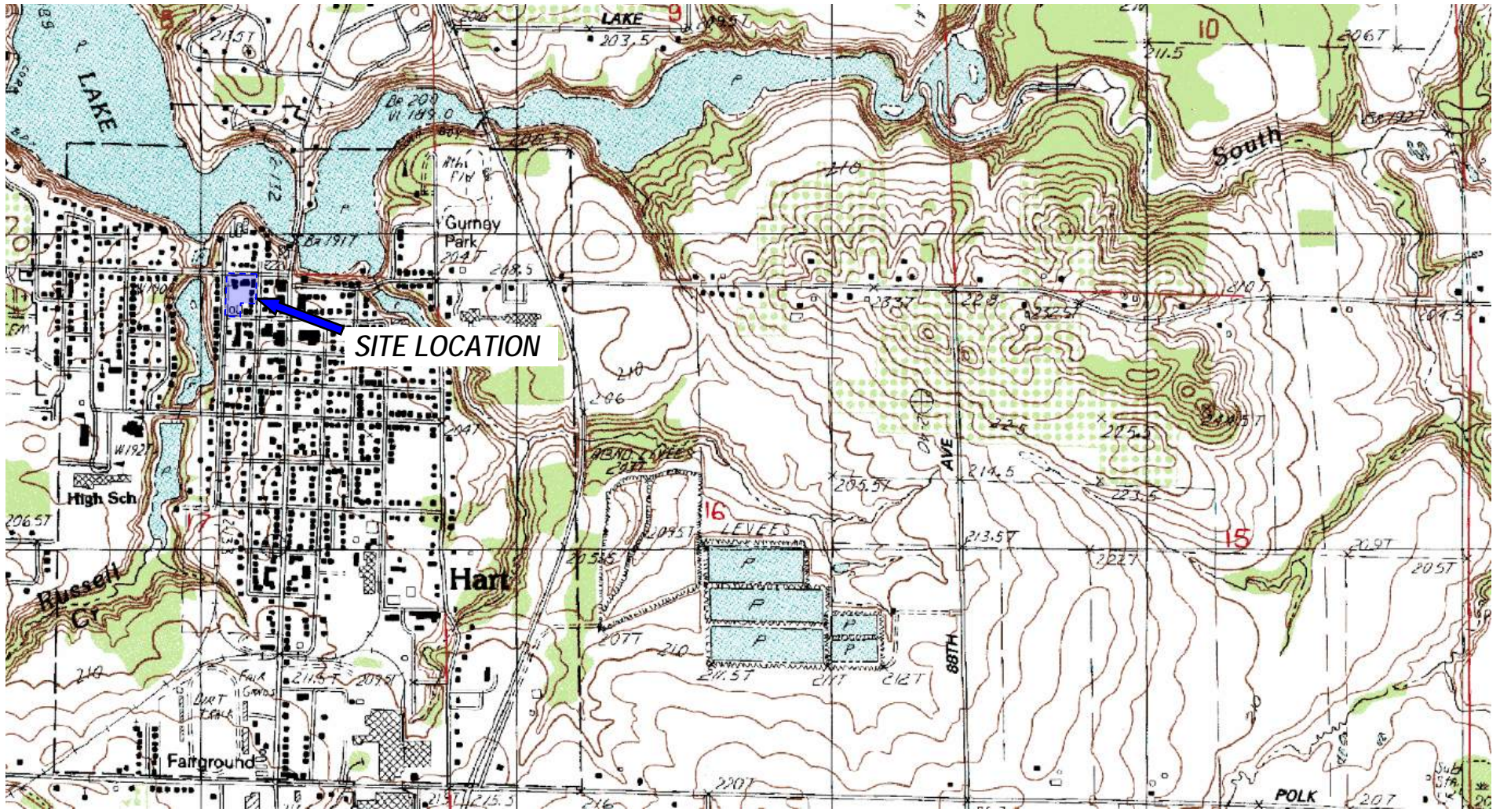
- *Groundwater Monitoring and Sampling*
- *Surface water Monitoring and Sampling*
- *Soil Descriptions and Sampling*
- *Vapor Intrusion Investigations and Sampling*
- *Environmental Investigations and Site Assessments (Phase I, II, BEA, and Due Care Plans)*
- *Closure Reports for Sites Regulated under Parts 201 and 213 of Michigan's Environmental Law*
- *Geographic Information Systems (GIS) and GeoDatabase Management*
- *Groundwater Modelling*
- *Hydrogeologic Investigations, Remedial Action, and Regulatory Compliance Associated with Underground Storage Tanks, Manufacturing Facilities, Oil & Gas Fields, Petroleum Release Sites and Landfills*
- *Closure Reports for Sites Regulated under Parts 201 and 213 of Michigan's Environmental Law*

## 8.0 Non-Scope Considerations

Beyond the ASTM Standard scope for Phase I ESAs, Westshore briefly addressed the following *Business Environmental Risk (BER)* issues:

- Asbestos: Westshore did not complete an asbestos assessment of the Subject Property buildings during this Phase I ESA. Based on the age of the Subject Property buildings or parts thereof, it is possible that some of the construction materials will have asbestos in them.
- Lead-Based Paint: Westshore did not complete lead-based paint assessment of the Subject Property buildings during this Phase I ESA. Based on the age of the Subject Property buildings or parts thereof, it is possible that some of the painted surfaces will have lead-based paint on or beneath the surface.

**Figures**



TOPOGRAPHIC BASE: UNITED STATES GEOLOGICAL SURVEY, 7.5 MINUTE QUADRANGLE SERIES; HART QUADRANGLE, MICHIGAN 1972; PROVISIONAL EDITION 1983



[www.Westshore.net](http://www.Westshore.net)

(800) 968-2864

Client:

Ceres Solutions Coop

Site:

3 East Main Street, City of Hart,  
Oceana County, Michigan

**SITE  
LOCATION  
MAP**

Checked: RAB

Date: 06/19/21

Drawn by: JLG

Date: 06/19/21

File No.: 04496-0001

Figure: **1**



Looking North

Note: Yellow Dashed Outline represents general property area, not exact property boundaries.



Streetview Image  
Looking Northwest from  
Courtland Street



**WESTSHORE**  
ENGINEERING • SURVEYING  
ENVIRONMENTAL

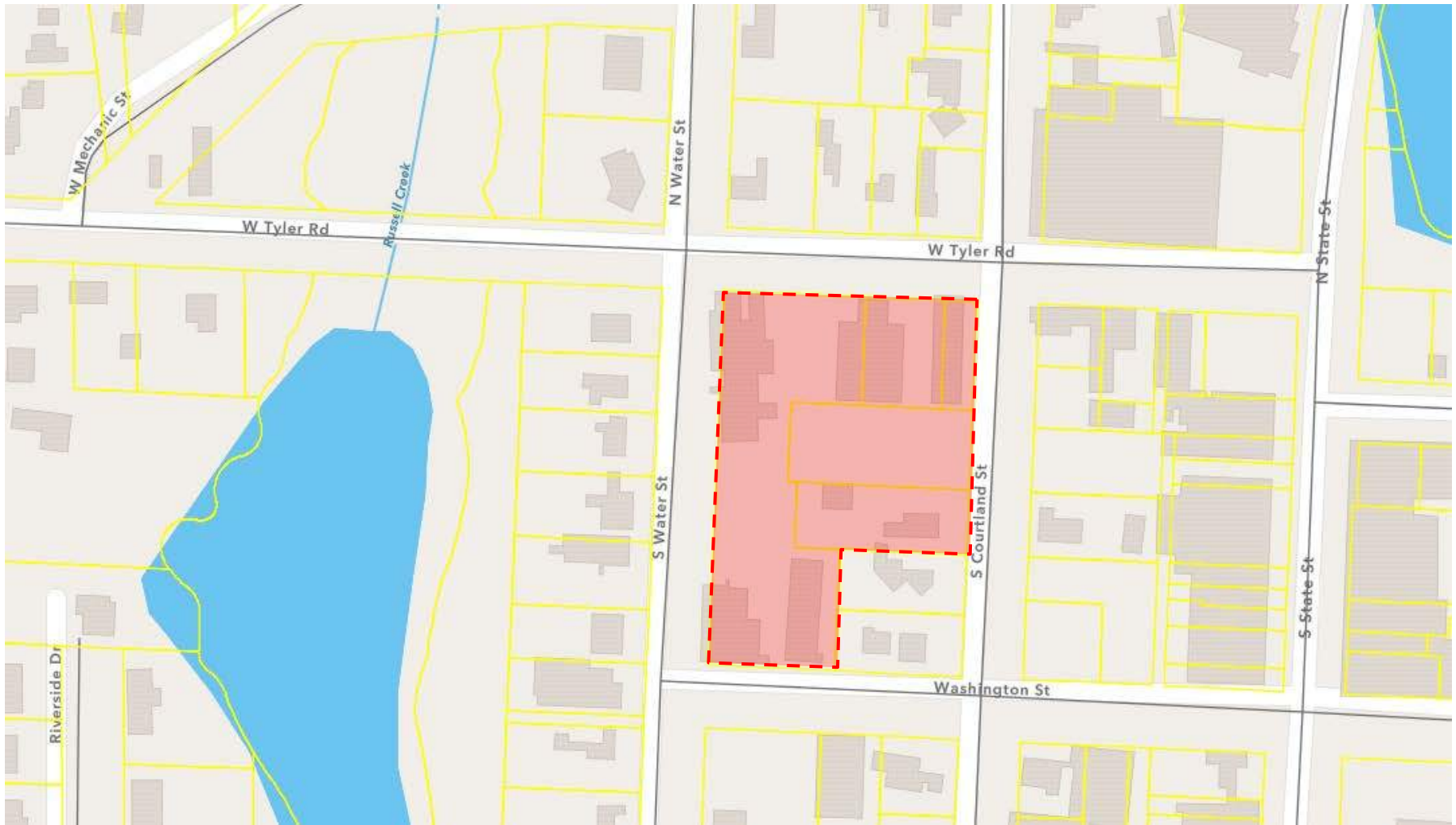
[www.Westshore.net](http://www.Westshore.net)  
(800) 968-2864

Client:  
**Ceres Solutions Coop**

Site:  
3 East Main Street, City of Hart,  
Oceana County, Michigan

**2018  
AERIAL  
PHOTO &  
STREETVIEW**

Checked:	RAB
Date:	06/19/21
Drawn by:	JLG
Date:	06/19/21
File No.:	04496-0001
Figure:	<b>2</b>



COUNTY OF OCEANA, CITY OF HART, NORTHWEST 1/4 of NORTHEAST 1/4, SECTION 17, T15N, R17W



[www.Westshore.net](http://www.Westshore.net)

(800) 968-2864

Client:

Ceres Solutions Coop

Site:

3 East Main Street, City of Hart,  
Oceana County, Michigan

**LOCAL  
TAX MAP**

Checked: RAB

Date: 06/19/21

Drawn by: JLG

Date: 06/19/21

File No.: 04496-0001

Figure: **3**



**Appendix A**  
**Photographs**



Subject Property - Grain Elevator

1



Subject Property

2



Subject Property

3



Subject Property - ASTs

4



Subject Property - ASTs

5



Subject Property

6

Site: 3 East Main Street, 15 East Main Street, and 15 Courtland Street, Hart, Oceana County, Michigan

File No.: 04496-0001

Photos By: Adam Mulling

Date: 07/02/21

Client: Ceres Solutions Coop.



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(231) 777-3447

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Subject Property

7



Subject Property

8



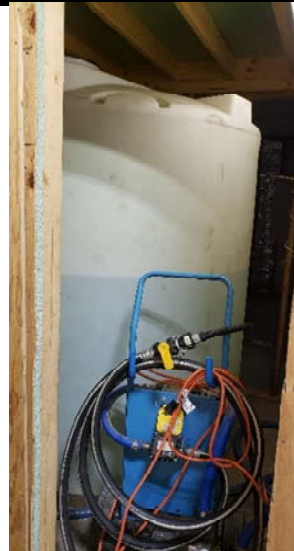
Subject Property - Truck Scale

9



Subject Property - Petroleum ASTs

10



Subject Property - DEF AST

11



Subject Property - Oils/Lubricants

12

Site: 3 East Main Street, 15 East Main Street, and 15 Courtland Street, Hart, Oceana County, Michigan

File No.: 04496-0001

Photos By: Adam Mulling

Date: 07/02/21

Client: Ceres Solutions Coop.



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Subject Property - Herbicide/Pesticide Bldg

13



Subject Property - Herbicide/Pesticide ASTs

14



Subject Property - Oils/Lubricants

15



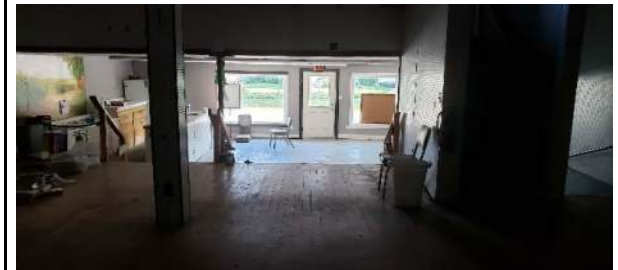
Subject Property - Petroleum Bldg Dock

16



Subject Property - Maintenance Room/Bay

17



Subject Property - Retail Bldg Interior

18

Site: 3 East Main Street, 15 East Main Street, and 15 Courtland Street, Hart, Oceana County, Michigan

File No.: 04496-0001

Photos By: Adam Mulling

Date: 07/02/21

Client: Ceres Solutions Coop.



Muskegon, MI  
(231) 777-3447

Westshore.net  
(800) 965-2864

**Appendix B**

**Legal Description & Local Municipal Records**

**3 E MAIN ST HART, MI 49420 (Property Address)**

Parcel Number: 020-207-001-00



Item 1 of 10 9 Images / 1 Sketch

**Property Owner: NORTH CENTRAL COOPERATIVE INC****Summary Information**

- > Commercial/Industrial Building Summary
  - Yr Built: N/A
  - Total Sq.Ft: 15,197
  - # of Buildings: 6
- > Assessed Value: \$166,200 | Taxable Value: \$128,660
- > Property Tax information found

**Owner and Taxpayer Information**

<b>Owner</b>	NORTH CENTRAL COOPERATIVE INC 720 W MAIN FREMONT, MI 49412	<b>Taxpayer</b>	SEE OWNER INFORMATION
--------------	--	-----------------	-----------------------

**General Information for Tax Year 2021**

<b>Property Class</b>	COMMERCIAL-IMPROVED	<b>Unit</b>	020 CITY OF HART
<b>School District</b>	HART PUBLIC SCHOOL DISTRICT	<b>Assessed Value</b>	\$166,200
<b>MAPNUMBER</b>	No Data to Display	<b>Taxable Value</b>	\$128,660
<b>PREVIOUS CPI</b>	0	<b>State Equalized Value</b>	\$166,200
<b>WORK CODES</b>	D	<b>Date of Last Name Change</b>	06/16/2020
<b>USER ALPHA 3</b>	No Data to Display	<b>Notes</b>	Not Available
<b>Historical District</b>	No	<b>Census Block Group</b>	No Data to Display
<b>MLS VALUE</b>	No Data to Display	<b>Exemption</b>	No Data to Display

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

Principal Residence Exemption	June 1st	Final
2021	0.0000 %	0.0000 %

**Previous Year Information**

Year	MBOR Assessed	Final SEV	Final Taxable
2020	\$159,000	\$159,000	\$126,884
2019	\$157,300	\$157,300	\$124,519
2018	\$146,900	\$146,900	\$121,601

**Land Information**

<b>Zoning Code</b>	MAIN ST	<b>Total Acres</b>	1.455
<b>Land Value</b>	\$120,000	<b>Land Improvements</b>	\$931
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	No Data to Display
<b>ECF Neighborhood</b>	COMMERCIAL DOWNTOWN	<b>Mortgage Code</b>	No Data to Display
<b>Lot Dimensions/Comments</b>	No Data to Display	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
Lot 1	480.00 ft	132.00 ft
<b>Total Frontage: 480.00 ft</b>		<b>Average Depth: 132.00 ft</b>

**Legal Description**

. WD978072 QC-L2011P3320 1978 INCLS 207-002 & 011-00 CITY OF HART LOT 1, LOT 2 EXC S 1 RD OF E 4 RDS THOF, W 1 RD OF LOT 3 EXC S 1 RD THOF, W 76 FT OF LOT 6, W 86 FT OF LOT 7 & ALL OF LOTS 11 & 12 - BLK 7.

**Land Division Act Information**

<b>Date of Last Split/Combine</b>	No Data to Display	<b>Number of Splits Left</b>	Not Available
<b>Date Form Filed</b>	No Data to Display	<b>Unallocated Div.s of Parent</b>	Not Available

<b>Date Created</b>	<i>No Data to Display</i>	<b>Unallocated Div.s Transferred</b>	<i>Not Available</i>
<b>Acreege of Parent</b>	0.00	<b>Rights Were Transferred</b>	No
<b>Split Number</b>	0	<b>Courtesy Split</b>	No
<b>Parent Parcel</b>	<i>No Data to Display</i>		

### Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page	Comments
08/30/2017	\$0.00	WD	NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE INC	21-NOT USED	2017-18423-	
01/11/2011	\$0.00	WD	FREMONT COOPERATIVE PRODUCE CO	NORTH CENTRAL LP LLP	33-TO BE DETERMINED	2011-3317	
04/03/1997	\$131,802.00	WD	COUNTYMARK/FREMONT INC 004	COUNTYMARK/FREMONT INC 004	21-NOT USED	97:008072	CASH & STOCK CO-OP
01/01/1997	\$0.00	WD			33-TO BE DETERMINED	97:008072	131 802 SALE

### Building Information - 3200 sq ft Warehouses - Storage (Commercial)

<b>Floor Area</b>	3,200 sq ft	<b>Estimated TCV</b>	\$65,780
<b>Occupancy</b>	Warehouses - Storage	<b>Class</b>	C
<b>Stories Above Ground</b>	2	<b>Average Story Height</b>	12 ft
<b>Basement Wall Height</b>	8 ft	<b>Identical Units</b>	1
<b>Year Built</b>	<i>No Data to Display</i>	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Space Heaters, Gas with Fan
<b>Physical Percent Good</b>	63%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	20 yrs

### Building Information - 1300 sq ft Warehouses - Storage (Commercial)

<b>Floor Area</b>	1,300 sq ft	<b>Estimated TCV</b>	\$20,446
<b>Occupancy</b>	Warehouses - Storage	<b>Class</b>	C
<b>Stories Above Ground</b>	2	<b>Average Story Height</b>	10 ft
<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	<i>No Data to Display</i>	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Space Heaters, Gas with Fan
<b>Physical Percent Good</b>	63%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	20 yrs

### Building Information - 3840 sq ft Sheds - Equipment 4 Wall Building (Commercial)

<b>Floor Area</b>	3,840 sq ft	<b>Estimated TCV</b>	\$48,265
<b>Occupancy</b>	Sheds - Equipment 4 Wall Building	<b>Class</b>	C
<b>Stories Above Ground</b>	1	<b>Average Story Height</b>	10 ft
<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	<i>No Data to Display</i>	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Space Heaters, Gas with Fan
<b>Physical Percent Good</b>	54%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	20 yrs

### Building Information - 3510 sq ft Warehouses - Miscellaneous Storage Building Fertilizer Storage (Commercial)

<b>Floor Area</b>	3,510 sq ft	<b>Estimated TCV</b>	\$51,925
<b>Occupancy</b>	Warehouses - Miscellaneous Storage Building Fertilizer Storage	<b>Class</b>	C
<b>Stories Above Ground</b>	1	<b>Average Story Height</b>	12 ft
<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	1955	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	No Heating or Cooling
<b>Physical Percent Good</b>	54%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	20 yrs

### Building Information - 2736 sq ft Sheds - Equipment 4 Wall Building (Commercial)

<b>Floor Area</b>	2,736 sq ft	<b>Estimated TCV</b>	\$27,207
<b>Occupancy</b>	Sheds - Equipment 4 Wall Building	<b>Class</b>	D
<b>Stories Above Ground</b>	1	<b>Average Story Height</b>	12 ft

<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	1994	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Space Heaters, Gas with Fan
<b>Physical Percent Good</b>	50%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	17 yrs

#### Building Information - 611 sq ft Shed - Utility Light Commercial Building (Commercial)

<b>Floor Area</b>	611 sq ft	<b>Estimated TCV</b>	\$9,668
<b>Occupancy</b>	Shed - Utility Light Commercial Building	<b>Class</b>	D,Pole
<b>Stories Above Ground</b>	1	<b>Average Story Height</b>	10 ft
<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	<i>No Data to Display</i>	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	No Heating or Cooling
<b>Physical Percent Good</b>	44%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	20 yrs

#### Building Information - 176 sq ft Steel Grain Bin (Agricultural)

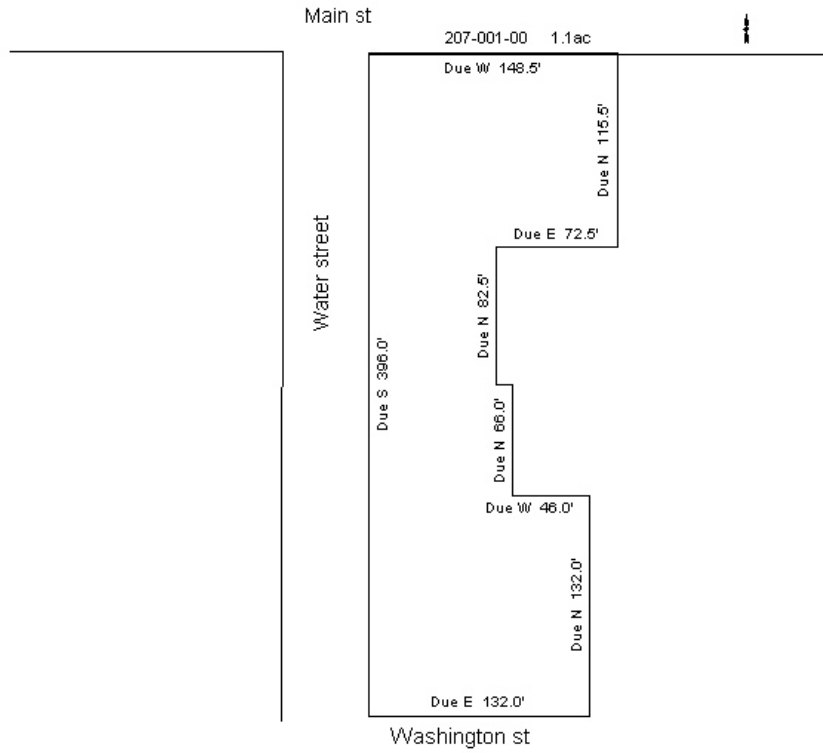
<b>Type</b>	Steel Grain Bin	<b>Floor</b>	Vented Floor
<b>Floor Area</b>	176 sq ft	<b>Estimated TCV</b>	\$3,414
<b>Perimeter</b>	47 ft	<b>Height</b>	13 ft
<b>Year Built</b>	1988	<b>Percent Complete</b>	100%
<b>Physical Percent Good</b>	55%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	80%	<b>Effective Age</b>	25 yrs

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# Image/Sketch for Parcel: 020-207-001-00



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**3 E MAIN ST HART, MI 49420** (Property Address)

Parcel Number: 020-207-004-00



Item 1 of 5 5 Images / 0 Sketches

**Property Owner: NORTH CENTRAL COOPERATIVE INC****Summary Information**

- > Commercial/Industrial Building Summary
  - Yr Built: N/A
  - Total Sq.Ft.: 4,950
- # of Buildings: 1
- > Assessed Value: \$28,500 | Taxable Value: \$21,495
- > Property Tax information found

**Owner and Taxpayer Information**

<b>Owner</b>	NORTH CENTRAL COOPERATIVE INC 2025 S WABASH STREET PO BOX 299 WABASH, IN 46992	<b>Taxpayer</b>	SEE OWNER INFORMATION
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**General Information for Tax Year 2021**

<b>Property Class</b>	COMMERCIAL-IMPROVED	<b>Unit</b>	020 CITY OF HART
<b>School District</b>	HART PUBLIC SCHOOL DISTRICT	<b>Assessed Value</b>	\$28,500
<b>MAPNUMBER</b>	No Data to Display	<b>Taxable Value</b>	\$21,495
<b>PREVIOUS CPI</b>	0	<b>State Equalized Value</b>	\$28,500
<b>WORK CODES</b>	VPD	<b>Date of Last Name Change</b>	01/09/2018
<b>USER ALPHA 3</b>	No Data to Display	<b>Notes</b>	Not Available
<b>Historical District</b>	No	<b>Census Block Group</b>	No Data to Display
<b>MLS VALUE</b>	No Data to Display	<b>Exemption</b>	No Data to Display

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

Principal Residence Exemption	June 1st	Final
2021	0.0000 %	0.0000 %

**Previous Year Information**

Year	MBOR Assessed	Final SEV	Final Taxable
2020	\$27,100	\$27,100	\$21,199
2019	\$26,600	\$26,600	\$20,804
2018	\$28,200	\$28,200	\$20,317

**Land Information**

<b>Zoning Code</b>		<b>Total Acres</b>	0.311
<b>Land Value</b>	\$25,600	<b>Land Improvements</b>	\$0
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	No Data to Display
<b>ECF Neighborhood</b>	COMMERCIAL DOWNTOWN	<b>Mortgage Code</b>	No Data to Display
<b>Lot Dimensions/Comments</b>	No Data to Display	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
Lot 1	82.50 ft	132.00 ft
Lot 2	20.00 ft	132.00 ft
<b>Total Frontage: 102.50 ft</b>		<b>Average Depth: 132.00 ft</b>

**Legal Description**

. WD978072 QC-L2011P3320 CITY OF HART W 1/2 OF LOT 4 EX S 1 RD &amp; E 3 RDS OF LOT 3 EX S 1 RD BLK 7.

**Land Division Act Information****Date of Last Split/Combine** No Data to Display **Number of Splits Left** Not Available

<b>Date Form Filed</b>	<i>No Data to Display</i>	<b>Unallocated Div.s of Parent</b>	<i>Not Available</i>
<b>Date Created</b>	<i>No Data to Display</i>	<b>Unallocated Div.s Transferred</b>	<i>Not Available</i>
<b>Acreage of Parent</b>	0.00	<b>Rights Were Transferred</b>	No
<b>Split Number</b>	0	<b>Courtesy Split</b>	No
<b>Parent Parcel</b>	<i>No Data to Display</i>		

### Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page	Comments
08/30/2017	\$0.00	WD	NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE INC	21-NOT USED	2017-18423-	
01/11/2011	\$0.00	WD	FREMONT COOPERATIVE PRODUCE CO	NORTH CENTRAL LP LLP	33-TO BE DETERMINED	2011-3317	
01/01/2005	\$0.00	WD			33-TO BE DETERMINED		
01/01/1997	\$0.00	WD			33-TO BE DETERMINED	97:008072	54 000 SALE

### Building Information - 4950 sq ft Warehouses - Storage (Commercial)

<b>Floor Area</b>	4,950 sq ft	<b>Estimated TCV</b>	\$33,769
<b>Occupancy</b>	Warehouses - Storage	<b>Class</b>	D,Pole
<b>Stories Above Ground</b>	1	<b>Average Story Height</b>	8 ft
<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	<i>No Data to Display</i>	<b>Year Remodeled</b>	<i>No Data to Display</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Space Heaters, Gas with Fan
<b>Physical Percent Good</b>	54%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	20 yrs

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**3 E MAIN ST HART, MI 49420** (Property Address)

Parcel Number: 020-207-004-50

Item 1 of 9 [7 Images / 2 Sketches](#)**Property Owner: NORTH CENTRAL COOPERATIVE INC****Summary Information**

- > Commercial/Industrial Building Summary
  - Yr Built: 1945
  - Total Sq.Ft: 3,168
  - # of Buildings: 1
- > Assessed Value: \$31,800 | Taxable Value: \$30,318
- > Property Tax information found

**Owner and Taxpayer Information**

<b>Owner</b>	NORTH CENTRAL COOPERATIVE INC 720 W MAIN FREMONT, MI 49412	<b>Taxpayer</b>	SEE OWNER INFORMATION
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**General Information for Tax Year 2021**

<b>Property Class</b>	COMMERCIAL-IMPROVED	<b>Unit</b>	020 CITY OF HART
<b>School District</b>	HART PUBLIC SCHOOL DISTRICT	<b>Assessed Value</b>	\$31,800
<b>MAPNUMBER</b>	<i>No Data to Display</i>	<b>Taxable Value</b>	\$30,318
<b>PREVIOUS CPI</b>	0	<b>State Equalized Value</b>	\$31,800
<b>WORK CODES</b>	P	<b>Date of Last Name Change</b>	06/16/2020
<b>USER ALPHA 3</b>	<i>No Data to Display</i>	<b>Notes</b>	<i>Not Available</i>
<b>Historical District</b>	No	<b>Census Block Group</b>	<i>No Data to Display</i>
<b>MLS VALUE</b>	<i>No Data to Display</i>	<b>Exemption</b>	<i>No Data to Display</i>

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

Principal Residence Exemption	June 1st	Final
2021	0.0000 %	0.0000 %

**Previous Year Information**

Year	MBOR Assessed	Final SEV	Final Taxable
2020	\$29,900	\$29,900	\$29,900
2019	\$29,500	\$29,500	\$29,378
2018	\$31,100	\$31,100	\$28,690

**Land Information**

<b>Zoning Code</b>		<b>Total Acres</b>	0.361
<b>Land Value</b>	\$35,800	<b>Land Improvements</b>	\$1,425
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	<i>No Data to Display</i>
<b>ECF Neighborhood</b>	COMMERCIAL DOWNTOWN	<b>Mortgage Code</b>	<i>No Data to Display</i>
<b>Lot Dimensions/Comments</b>	<i>No Data to Display</i>	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
Lot 1	143.00 ft	110.00 ft
<b>Total Frontage: 143.00 ft</b>		<b>Average Depth: 110.00 ft</b>

**Legal Description**

. WD-L2001P5520 QC-L2011P3320 CITY OF HART E 1/2 OF LOT 4 EX S 1 RD BLK 7.

**Land Division Act Information**

<b>Date of Last Split/Combine</b>	<i>No Data to Display</i>	<b>Number of Splits Left</b>	<i>Not Available</i>
<b>Date Form Filed</b>	<i>No Data to Display</i>	<b>Unallocated Div.s of Parent</b>	<i>Not Available</i>
<b>Date Created</b>	<i>No Data to Display</i>	<b>Unallocated Div.s Transferred</b>	<i>Not Available</i>

<b>Acreage of Parent</b>	0.00	<b>Rights Were Transferred</b>	No
<b>Split Number</b>	0	<b>Courtesy Split</b>	No
<b>Parent Parcel</b>	<i>No Data to Display</i>		

### Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page	Comments
08/30/2017	\$0.00	WD	NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE INC	21-NOT USED	2017-18423-	
01/11/2011	\$0.00	WD	FREMONT COOPERATIVE PRODUCE CO	NORTH CENTRAL LP LLP	33-TO BE DETERMINED	2011-3317	
12/19/2000	\$40,000.00	WD	FARMERS PET/FREMONT COOP	FARMERS PET/FREMONT COOP	21-NOT USED	2001:005520	NOT TYP INC 738- 006

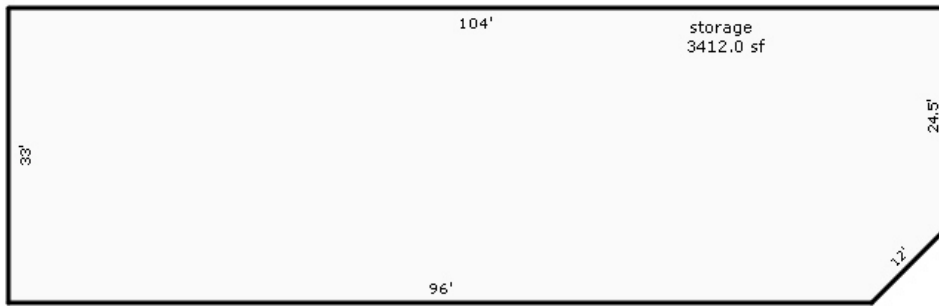
### Building Information - 3168 sq ft Warehouses - Miscellaneous Storage Building Flathouse Storage (Commercial)

<b>Floor Area</b>	3,168 sq ft	<b>Estimated TCV</b>	\$28,427
<b>Occupancy</b>	Warehouses - Miscellaneous Storage Building Flathouse Storage	<b>Class</b>	D
<b>Stories Above Ground</b>	1	<b>Average Story Height</b>	8 ft
<b>Basement Wall Height</b>	0 ft	<b>Identical Units</b>	1
<b>Year Built</b>	1945	<b>Year Remodeled</b>	2000
<b>Percent Complete</b>	100%	<b>Heat</b>	No Heating or Cooling
<b>Physical Percent Good</b>	65%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	17 yrs

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**Image/Sketch for Parcel: 020-207-004-50**

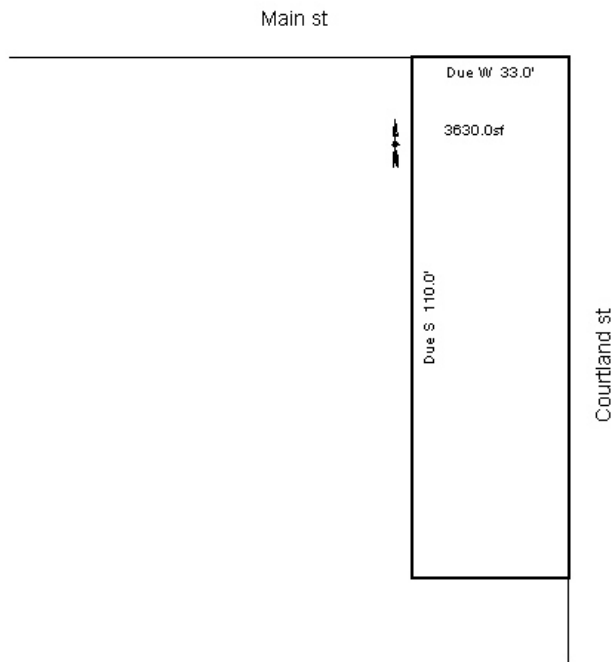


Sketch by Apex Medina™

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**Image/Sketch for Parcel: 020-207-004-50**



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15 E MAIN ST HART, MI 49420 (Property Address)

Parcel Number: 020-207-005-00

Property Owner: NORTH CENTRAL COOPERATIVE INC

Summary Information

> Assessed Value: \$9,300 | Taxable Value: \$8,416

> Property Tax information found



Item 1 of 1

1 Image / 0 Sketches

Parcel is Vacant

Owner and Taxpayer Information

<b>Owner</b>	NORTH CENTRAL COOPERATIVE INC 720 W MAIN FREMONT, MI 49412	<b>Taxpayer</b>	SEE OWNER INFORMATION
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General Information for Tax Year 2021

<b>Property Class</b>	RESIDENTIAL-IMPROVED	<b>Unit</b>	020 CITY OF HART
<b>School District</b>	HART PUBLIC SCHOOL DISTRICT	<b>Assessed Value</b>	\$9,300
<b>MAPNUMBER</b>	No Data to Display	<b>Taxable Value</b>	\$8,416
<b>PREVIOUS CPI</b>	0	<b>State Equalized Value</b>	\$9,300
<b>WORK CODES</b>	No Data to Display	<b>Date of Last Name Change</b>	06/16/2020
<b>USER ALPHA 3</b>	No Data to Display	<b>Notes</b>	Not Available
<b>Historical District</b>	No	<b>Census Block Group</b>	No Data to Display
<b>MLS VALUE</b>	No Data to Display	<b>Exemption</b>	No Data to Display

Principal Residence Exemption Information

Homestead Date 05/05/1994

Principal Residence Exemption	June 1st	Final
2021	0.0000 %	0.0000 %

Previous Year Information

Year	MBOR Assessed	Final SEV	Final Taxable
2020	\$8,300	\$8,300	\$8,300
2019	\$9,400	\$9,400	\$8,218
2018	\$9,400	\$9,400	\$8,026

Land Information

<b>Zoning Code</b>		<b>Total Acres</b>	0.356
<b>Land Value</b>	\$18,600	<b>Land Improvements</b>	\$0
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	No Data to Display
<b>ECF Neighborhood</b>	RESIDENTIAL	<b>Mortgage Code</b>	No Data to Display
<b>Lot Dimensions/Comments</b>	No Data to Display	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
Lot 1	82.50 ft	188.00 ft
<b>Total Frontage: 82.50 ft</b>		<b>Average Depth: 188.00 ft</b>

Legal Description

. WD-L2001P19858 QC-L2011P3320 CITY OF HART LOT 5 & S 1 RD OF LOTS 2, 3 & 4 EX W 10 FT OF LOT 2 & E 1/2 OF LOT 6 EX W 10 FT BLK 7.

Land Division Act Information



<b>Date of Last Split/Combine</b>	<i>No Data to Display</i>	<b>Number of Splits Left</b>	<i>Not Available</i>
<b>Date Form Filed</b>	<i>No Data to Display</i>	<b>Unallocated Div.s of Parent</b>	<i>Not Available</i>
<b>Date Created</b>	<i>No Data to Display</i>	<b>Unallocated Div.s Transferred</b>	<i>Not Available</i>
<b>Acreage of Parent</b>	0.00	<b>Rights Were Transferred</b>	No
<b>Split Number</b>	0	<b>Courtesy Split</b>	No
<b>Parent Parcel</b>	<i>No Data to Display</i>		

### Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page	Comments
08/30/2017	\$0.00	WD	NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE INC	21-NOT USED	2017-18423-	
01/11/2011	\$0.00	WD	FREMONT COOPERATIVE PRODUCE CO	NORTH CENTRAL LP LLP	33-TO BE DETERMINED	2011-3317	
07/27/2001	\$15,000.00	WD	WESTRIENEN/FREMONT COOP	WESTRIENEN/FREMONT COOP	21-NOT USED	2101:009858	NOT TYP

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**15 COURTLAND ST HART, MI 49420** (Property Address)

Parcel Number: 020-207-008-00



Item 1 of 4 4 Images / 0 Sketches

**Property Owner: CERES SOLUTIONS****Summary Information**

&gt; Assessed Value: \$7,100 | Taxable Value: \$6,489

&gt; Property Tax information found

**Parcel is Vacant****Owner and Taxpayer Information**

<b>Owner</b>	CERES SOLUTIONS 720 W MAIN FREMONT, MI 49412	<b>Taxpayer</b>	SEE OWNER INFORMATION
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**General Information for Tax Year 2021**

<b>Property Class</b>	RESIDENTIAL-VACANT	<b>Unit</b>	020 CITY OF HART
<b>School District</b>	HART PUBLIC SCHOOL DISTRICT	<b>Assessed Value</b>	\$7,100
<b>MAPNUMBER</b>	No Data to Display	<b>Taxable Value</b>	\$6,489
<b>PREVIOUS CPI</b>	0	<b>State Equalized Value</b>	\$7,100
<b>WORK CODES</b>	No Data to Display	<b>Date of Last Name Change</b>	06/16/2020
<b>USER ALPHA 3</b>	No Data to Display	<b>Notes</b>	Not Available
<b>Historical District</b>	No	<b>Census Block Group</b>	No Data to Display
<b>MLS VALUE</b>	No Data to Display	<b>Exemption</b>	No Data to Display

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

Principal Residence Exemption	June 1st	Final
2021	0.0000 %	0.0000 %

**Previous Year Information**

Year	MBOR Assessed	Final SEV	Final Taxable
2020	\$6,400	\$6,400	\$6,400
2019	\$8,300	\$8,300	\$6,864
2018	\$8,700	\$8,700	\$6,704

**Land Information**

<b>Zoning Code</b>		<b>Total Acres</b>	0.270
<b>Land Value</b>	\$12,400	<b>Land Improvements</b>	\$1,824
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	No Data to Display
<b>ECF Neighborhood</b>	RESIDENTIAL	<b>Mortgage Code</b>	No Data to Display
<b>Lot Dimensions/Comments</b>	No Data to Display	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
Lot 1	66.00 ft	178.00 ft
<b>Total Frontage: 66.00 ft</b>		<b>Average Depth: 178.00 ft</b>

**Legal Description**

. WD922409 QC-L2011P25345 CITY OF HART LOT 8 &amp; E 1/2 OF LOT 7 EX 20 FT OF W SIDE OF E 1/2 OF LOT 7 BLK 7.

**Land Division Act Information**

<b>Date of Last Split/Combine</b>	<i>No Data to Display</i>	<b>Number of Splits Left</b>	<i>Not Available</i>
<b>Date Form Filed</b>	<i>No Data to Display</i>	<b>Unallocated Div.s of Parent</b>	<i>Not Available</i>
<b>Date Created</b>	<i>No Data to Display</i>	<b>Unallocated Div.s Transferred</b>	<i>Not Available</i>
<b>Acreage of Parent</b>	0.00	<b>Rights Were Transferred</b>	No
<b>Split Number</b>	0	<b>Courtesy Split</b>	No
<b>Parent Parcel</b>	<i>No Data to Display</i>		

### Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page	Comments
01/07/2020	\$1.00	QC	STEVENS RODNEY PROPERTIES LLC	CERES SOLUTIONS	33-TO BE DETERMINED	2020--426--426	
05/11/2017	\$76,500.00	WD	BRUCE STEVEN J* & CONNIE L* &	STEVENS RODNEY PROPERTIES LLC	03-ARM'S LENGTH	2017/9144	DC FOR STEVEN BRUCE 2017/9142
12/23/2011	\$0.00	WD	BRUCE STEVEN J & CONNIE L	BRUCE STEVEN J & CONNIE L & TRENTON	03-ARM'S LENGTH	2011-25345	
03/18/1992	\$65,000.00	WD	HEGG, WILLIAM S. & JANET A.	BRUCE, STEVEN J. & CONNIE L.	03-ARM'S LENGTH	922409	
10/17/1986	\$35,000.00	WD	MCGUIRE, LAWRENCE & MARY	HEGG, WILLIAM S. & JANET A.	03-ARM'S LENGTH	868997	

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## FOIA Request for Public Records

*Michigan Freedom of Information Act,  
Public Act 442 of 1976, MCL 15.231, et seq.*

foia@dhd10.org

Phone: (231) 355-7552

Fax: (231) 689-7382

### FOIA Request Form

*Requestors are not required to use this form. DHD#10 may complete one for recordkeeping if not used.*

**Note:** If you are requesting an Environmental Health record for one property and are the owner or authorized agent of the property, you may be eligible to use the **EH Record Request Form** available at any DHD#10 office or [www.dhd10.org](http://www.dhd10.org), and receive a faster response.

#### Requestor *Please type or print*

Name	Phone
Firm/Organization	Fax
Street	Email
City	State      Zip

<u>Request for</u>	Copy	Certified Copy	Record Inspection	Subscription to record issued on regular basis
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<u>Delivery Method</u>	Will Pick Up	Mail to address above	Email to address above	Fax to number above
------------------------	--------------	-----------------------	------------------------	---------------------

Requestor to photo/scan onsite	Deliver on digital media provided by DHD#10 Preferred Media:
--------------------------------	---

*Note: DHD#10 is not required to provide records in a digital format or on digital media if DHD#10 does not already have the technological capability to do so.*

#### Public Records Requested

*You may use this form or attach additional sheets*

<b>Environmental Health Records</b> <i>REQUIRED INFORMATION</i>	Parcel #	County	Township
	Street Address		City

#### Other Records/Additional Information – describe as specifically as possible

Requestor's Signature	Date
-----------------------	------

#### Office Use *Keep original and provide copy of request form, along with Public Summary, to Requestor at no charge*

Date Received	Log #	Response Due Date	Received Via		
Received By	Forwarded To	Release Date	Email	Fax	Mail
			In Person	Other Method	
Released By		No. Pages	Date <u>delivered</u> to junk/spam	Date <u>discovered</u> in junk/spam	

*Requestor: Complete next page sections as applicable*

**Consent to Non-Statutory Extension of DHD#10's Response Time**

I have requested a copy of records or a subscription to records or the opportunity to inspect records, pursuant to the Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, *et seq.* I understand that DHD#10 must respond to this request within five (5) business days after receiving it, and that response may include adding a 10-business day extension.

However, I hereby agree and stipulate to extend DHD#10's response time for this request until: \_\_\_\_\_ (month, day, year).

Requestor's Signature

Date

**Records Located on Website**

If DHD#10 directly or indirectly administers or maintains an official internet presence, any public records available to the general public on that internet site at the time the request is made are exempt from any labor charges to redact (*separate exempt information from non-exempt information*.)

If the FOIA coordinator knows or has reason to know that all or a portion of the requested information is available on its website, DHD#10 must notify the Requestor in its written response that all or a portion of the requested information is available on its website. The written response, to the degree practicable in the specific instance, must include a specific webpage address where the requested information is available. On the detailed cost itemization form, DHD#10 must separate the requested public records that are available on its website from those that are not available on the website and must inform the requestor of the additional charge to receive copies of the public records that are available on its website.

If DHD#10 has included the website address for a record in its written response to the Requestor and the Requestor thereafter stipulates that the public record be provided to him or her in a paper format or other form, including digital media, DHD#10 must provide the public records in the specified format (if DHD#10 has the technological capability) but may use a fringe benefit multiplier greater than the 50%, not to exceed the actual costs of providing the information in the specified format.

**Request for Copies/Duplication of Records on the DHD#10 Website**

I hereby stipulate that, even if some or all of the records are located on the DHD#10 website, I am requesting that DHD#10 make copies of those records on the website and deliver them to me in the format I have requested above. I understand that some FOIA fees may apply.

Requestor's Signature

Date

**Overtime Labor Costs**

Overtime wages shall not be included in the calculation of labor costs unless overtime is specifically stipulated by the requestor and clearly noted on the detailed cost itemization form.

**Consent to Overtime Labor Costs**

I hereby agree and stipulate to DHD#10 using overtime wages in calculating the following labor costs as itemized in the following categories:

- 1. Labor to copy/duplicate
- 2. Labor to locate
- 3a. Labor to redact
- 3b. Contract labor to redact
- 6b. Labor to copy/duplicate records already on DHD#10's website

Requestor's Signature

Date

**Request for Discount: Indigence**

A public record search **must** be made and a copy of a public record **must** be furnished **without charge for the first \$20.00 of the fee** for each request by an individual who is entitled to information under this act and who:

- 1) Submits an affidavit stating that the individual is indigent and receiving specific public assistance, **OR**
- 2) If not receiving public assistance, stating facts showing inability to pay the cost because of indigence.

If a Requestor is ineligible for the discount, the public body shall inform the requestor specifically of the reason for ineligibility in the public body's written response. An individual is ineligible for this fee reduction if **ANY** of the following apply:

- (i) The individual has previously received discounted copies of public records from the same public body twice during that calendar year,
- (ii) The individual requests the information in conjunction with outside parties who are offering or providing payment or other remuneration to the individual to make the request. A public body may require a statement by the requestor in the affidavit that the request is not being made in conjunction with outside parties in exchange for payment or other remuneration.

I am submitting an affidavit and requesting that I receive the discount for indigence for this FOIA request.

Requestor's Signature

Date

Office Use

Affidavit Received

Eligible for Discount

Ineligible for Discount

**Request for Discount: Nonprofit Organization**

A public record search must be made and a copy of a public record must be furnished without charge for the first \$20.00 of the fee for each request by a nonprofit organization formally designated by the state to carry out activities under subtitle C of the Developmental Disabilities Assistance and Bill of Rights Act of 2000 and the Protection and Advocacy for Individuals with Mental Illness Act, if the request meets ALL of the following requirements:

- (i) Is made directly on behalf of the organization or its clients.
- (ii) Is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the Mental Health Code, 1974 PA 258, MCL 330.1931.
- (iii) Is accompanied by documentation of its designation by the state, if requested by CMDHD

I stipulate that I am a designated agent for the nonprofit organization making this FOIA request and that this request is made directly on behalf of the organization or its clients and is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the Mental Health Code, 1974 PA 258, MCL 330.1931.

Requestor's Signature

Date

Office Use

Documentation of State Designation Received

Eligible for Discount

Ineligible for Discount

**Kellie Ghezzi**

---

**From:** Charlotte Ryder <cryder@dhd10.org>  
**Sent:** Friday, July 2, 2021 3:47 PM  
**To:** Adam Mulling  
**Subject:** records request  
**Attachments:** FOIA.pdf

Hello Adam

We do not have any records for the properties you requested. All the parcels are on city water and sewer.

*Charlotte Ryder*

Clerical Support  
District Health Department#10  
3986 N Oceana Drive  
Hart, MI 49420  
231-902-8520



This email and its attachments may contain privileged and confidential information and/or protected health information intended solely for the use of District Health Department #10 and the recipient(s) named above. If you are not the recipient, nor the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any review, dissemination, distribution, printing or copying of this email message and/or any attachment(s) is strictly prohibited. If you have received this transmission in error, please notify the sender of the email and District Health Department #10 immediately and permanently delete this email and any attachments.

**Appendix C**

**Government Database Report**

**3 East Main - Hart**

3 East Main Street

Hart, MI 49420

Inquiry Number: 6550291.2s

June 24, 2021

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

3 EAST MAIN STREET  
HART, MI 49420

#### COORDINATES

Latitude (North): 43.7028450 - 43° 42' 10.24"  
Longitude (West): 86.3652100 - 86° 21' 54.75"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 551148.6  
UTM Y (Meters): 4838849.5  
Elevation: 655 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6066034 HART, MI  
Version Date: 2014  
  
West Map: 6066036 MEARS, MI  
Version Date: 2014

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140923  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
3 EAST MAIN STREET  
HART, MI 49420

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CERES SOLUTIONS COOP	3 E MAIN ST	FINDS		TP
A2	CERES SOLUTIONS COOP	3 EAST MAIN STREET	FINDS, ECHO		TP
A3	FREMONT CO-OP PRODUC	3 EAST MAIN STREET B	FTTS, HIST FTTS		TP
A4	FREMONT PRODUCE COOP	3 E MAIN ST	SSTS		TP
A5	HART COUNTRYMARK CO-	3 EAST MAIN ST	FTTS, HIST FTTS		TP
A6	COUNTRYMARK, INC	3 E MAIN ST	UST		TP
A7	NORTH CENTRAL CO-OP	3 E MAIN ST	AST		TP
A8		3 EAST MAIN	ERNS		TP
A9	NORTH CENTRAL COOPER	3 EAST MAIN STREET	FINDS		TP
A10	HART COUNTRYMARK COO	3 EAST MAIN STREET	FINDS		TP
A11	CERES SOLUTIONS COOP	3 EAST MAIN STREET	NPDES		TP
B12	GRAND HAVEN BL&P	100 WATER STREET	COAL ASH	Higher	31, 0.006, SW
B13	HART POWER PLT	100 WATER ST	SEMS-ARCHIVE	Higher	31, 0.006, SW
B14	101 SOUTH WATER STRE	101 SOUTH WATER STRE	INVENTORY	Higher	69, 0.013, SW
B15	HART BODY SHOP	101 WATER ST	RCRA-VSQG, FINDS, ECHO	Higher	69, 0.013, SW
C16	RIGHT OF WAY	108 S COURTLAND ST	LUST	Higher	220, 0.042, SSE
C17	RIGHT OF WAY	108 S COURTLAND ST	UST	Higher	220, 0.042, SSE
D18	HART EZ MART	3 N STATE ST	UST, INVENTORY, Financial Assurance	Lower	247, 0.047, East
D19	BLARNEY CASTLE OIL C	3 S STATE ST	EDR Hist Auto	Lower	332, 0.063, East
D20	HART TAX INCREMENT F	3 N STATE ST	INVENTORY, BEA, WDS	Lower	337, 0.064, ENE
D21	HART EZ MART	3 N STATE ST	LUST, INVENTORY	Lower	337, 0.064, ENE
D22	HART TAX INCREMENT F	3 N STATE ST	RCRA NonGen / NLR	Lower	337, 0.064, ENE
D23	DOWNTOWN MOBIL	3 N STATE ST	EDR Hist Auto	Lower	337, 0.064, ENE
D24	24 - 26 NORTH STATE	24 - 26 NORTH STATE	INVENTORY	Lower	339, 0.064, ENE
D25	STATE STREET ROW	45 N STATE ST	UST	Lower	341, 0.065, ENE
26	LARSONS SONS	4 LINCOLN ST	AST	Lower	359, 0.068, SSW
D27	26 NORTH STATE STREE	26 NORTH STATE STREE	BEA	Lower	378, 0.072, ENE
D28	24 AND 26 NORTH STAT	24 AND 26 NORTH STAT	BEA	Lower	378, 0.072, ENE
D29	24 AND 26 NORTH STAT	24 AND 26 NORTH STAT	INVENTORY	Lower	378, 0.072, ENE
D30	26 NORTH STATE STREE	26 NORTH STATE STREE	INVENTORY	Lower	378, 0.072, ENE
D31	MERSKIN & MERSKIN PC	26 N STATE ST	LUST, UST, INVENTORY, WDS	Lower	378, 0.072, ENE
D32	MERSKIN & MERSKIN PC	26 NORTH STATE STREE	AUL	Lower	378, 0.072, ENE
D33	FARMERS PETROLEUM	17 E MAIN ST	AST	Lower	406, 0.077, East
D34	FREMONT COOPERATIVE	17 E MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	406, 0.077, East
35	FORD GARAGE	151 W MAIN ST	LUST, UST	Lower	435, 0.082, West
36	COUNTY OF OCEANA	100 S STATE ST	UST	Higher	437, 0.083, SE
E37	BLARNEY CASTLE OIL C	223 S STATE ST	RCRA-VSQG, FINDS, ECHO	Higher	758, 0.144, SSE
E38	HART EZ MART	223 S STATE ST	UST	Higher	758, 0.144, SSE
E39	HART EZ MART	223 S STATE ST	LUST, INVENTORY	Higher	758, 0.144, SSE

MAPPED SITES SUMMARY

Target Property Address:  
 3 EAST MAIN STREET  
 HART, MI 49420

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">F40</a>	227 EAST MAIN STREET	227 EAST MAIN STREET	INVENTORY	Lower	777, 0.147, East
<a href="#">F41</a>	GREINERS GARAGE	311 E MAIN ST	UST	Lower	925, 0.175, East
<a href="#">42</a>	HART PUBLIC SCHOOLS	300 JOHNSON ST	LUST, UST	Higher	1333, 0.252, SSE
<a href="#">G43</a>	100 SOUTH UNION STRE	100 SOUTH UNION STRE	BEA	Higher	1397, 0.265, ESE
<a href="#">G44</a>	100 SOUTH UNION STRE	100 SOUTH UNION STRE	INVENTORY	Higher	1397, 0.265, ESE
<a href="#">H45</a>	FARMERS PETROLEUM CO	504 S STATE ST	LUST, UST, BROWNFIELDS, INVENTORY	Higher	1601, 0.303, South
<a href="#">H46</a>	504 SOUTH STATE STRE	504 SOUTH STATE STRE	BEA	Higher	1601, 0.303, South
<a href="#">H47</a>	504 SOUTH STATE STRE	504 SOUTH STATE STRE	INVENTORY	Higher	1601, 0.303, South
<a href="#">I48</a>	DAVES PARTY STORE	408 WOOD ST	LUST, INVENTORY, Financial Assurance	Higher	2278, 0.431, SSE
<a href="#">I49</a>	DAVES PARTY STORE	408 WOOD ST	INVENTORY	Higher	2278, 0.431, SSE
<a href="#">I50</a>	STOKELY USA INC	409 WOOD ST	LUST, UST, NPDES, WDS	Higher	2308, 0.437, SSE
<a href="#">51</a>	GRISWOLD STREET AT J	GRISWOLD STREET AT J	INVENTORY	Higher	2585, 0.490, ESE
<a href="#">52</a>	HART PRISONER-OF-WAR		FUDS	Higher	4331, 0.820, SSW
<a href="#">53</a>	OCEANA CO RD COMM HA	3501 WEST POLK ROAD	INVENTORY, PART 201	Higher	4858, 0.920, South

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CERES SOLUTIONS COOP 3 E MAIN ST HART, MI 49420	FINDS Registry ID:: 110070126723	N/A
CERES SOLUTIONS COOP 3 EAST MAIN STREET HART, MI 49420	FINDS Registry ID:: 110067631361  ECHO Registry ID: 110067631361	N/A
FREMONT CO-OP PRODUC 3 EAST MAIN STREET B HART, MI 49420	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009  HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
FREMONT PRODUCE COOP 3 E MAIN ST HART, 49420	SSTS Registration Number:: 050139MI 002 Registration Number:: 050139MI002 Registration Number:: 050139-MI-002	N/A
HART COUNTRYMARK CO- 3 EAST MAIN ST HART MI, MI 49240	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009  HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
COUNTRYMARK, INC 3 E MAIN ST HART, MI 49420	UST Database: UST, Date of Government Version: 07/20/2020 Facility Type: CLOSED Facility Id: 00017953 Tank Status: Removed from Ground	N/A
NORTH CENTRAL CO-OP 3 E MAIN ST HART, MI 49420	AST Facility Id: 92085089 Removed/Closed Date: 01/11/2012 Removed/Closed Date: 04/19/2017 Tank Status: Removed from Premises Tank Status: Removed from Ground	N/A
3 EAST MAIN 3 EAST MAIN HART, MI	ERNS	N/A

## EXECUTIVE SUMMARY

NRC Report #: 867934  
Incident Date Time: 2008-04-14 18:00:00

NORTH CENTRAL COOPER 3 EAST MAIN STREET HART, MI 49420	FINDS Registry ID:: 110038297928	N/A
HART COUNTRYMARK COO 3 EAST MAIN STREET HART, MI 49420	FINDS Registry ID:: 110011822750	N/A
CERES SOLUTIONS COOP 3 EAST MAIN STREET HART, MI 49420	NPDES Permit Number: MIS211084	N/A

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

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

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

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

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

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

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators

### ***Federal institutional controls / engineering controls registries***

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

### ***State- and tribal - equivalent CERCLIS***

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

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

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

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

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

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
CDL..... Clandestine Drug Lab Listing  
DEL PART 201..... Delisted List of Contaminated Sites

## EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register  
PFAS..... PFAS Contaminated Sites Listing

### **Local Land Records**

LIENS..... Lien List  
LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

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

### **Other Ascertainable Records**

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

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants



## EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA PART 201..... Recovered Government Archive State Hazardous Waste Facilities List  
RGA LF..... Recovered Government Archive Solid Waste Facilities List  
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 SEMS-ARCHIVE site 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>
HART POWER PLT Site ID: 0503174 EPA Id: MID980993000	100 WATER ST	SW 0 - 1/8 (0.006 mi.)	B13	32

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

RCRA-VSQG: 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART BODY SHOP</b> EPA ID:: MID985577451	<b>101 WATER ST</b>	<b>SW 0 - 1/8 (0.013 mi.)</b>	<b>B15</b>	<b>34</b>
<b>BLARNEY CASTLE OIL C</b> EPA ID:: MIK882613494	<b>223 S STATE ST</b>	<b>SSE 1/8 - 1/4 (0.144 mi.)</b>	<b>E37</b>	<b>62</b>

### ***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 02/09/2021 has revealed that there are 9 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>
<b>RIGHT OF WAY</b> Release Status: Closed Substance Release: Gasoline Facility Id: 50005385	<b>108 S COURTLAND ST</b>	<b>SSE 0 - 1/8 (0.042 mi.)</b>	<b>C16</b>	<b>38</b>
<b>HART EZ MART</b> Release Status: Open Substance Release: Unknown Facility Id: 00008478	<b>223 S STATE ST</b>	<b>SSE 1/8 - 1/4 (0.144 mi.)</b>	<b>E39</b>	<b>72</b>
<b>HART PUBLIC SCHOOLS</b> Release Status: Closed Substance Release: Unknown Facility Id: 00035597	<b>300 JOHNSON ST</b>	<b>SSE 1/4 - 1/2 (0.252 mi.)</b>	<b>42</b>	<b>75</b>
<b>FARMERS PETROLEUM CO</b> Release Status: Open Facility Id: 00004787	<b>504 S STATE ST</b>	<b>S 1/4 - 1/2 (0.303 mi.)</b>	<b>H45</b>	<b>79</b>
<b>DAVES PARTY STORE</b> Release Status: Open Substance Release: Gasoline Facility Id: 00035885	<b>408 WOOD ST</b>	<b>SSE 1/4 - 1/2 (0.431 mi.)</b>	<b>I48</b>	<b>83</b>
<b>STOKELY USA INC</b> Release Status: Closed	<b>409 WOOD ST</b>	<b>SSE 1/4 - 1/2 (0.437 mi.)</b>	<b>I50</b>	<b>85</b>

## EXECUTIVE SUMMARY

Facility Id: 00004355

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART EZ MART</b> Release Status: Closed Facility Id: 00003366	<b>3 N STATE ST</b>	<b>ENE 0 - 1/8 (0.064 mi.)</b>	<b>D21</b>	<b>43</b>
<b>MERSKIN &amp; MERSKIN PC</b> Release Status: Closed Substance Release: Diesel,Gasoline Facility Id: 00001715	<b>26 N STATE ST</b>	<b>ENE 0 - 1/8 (0.072 mi.)</b>	<b>D31</b>	<b>51</b>
<b>FORD GARAGE</b> Release Status: Closed Substance Release: Gasoline Facility Id: 00040604	<b>151 W MAIN ST</b>	<b>W 0 - 1/8 (0.082 mi.)</b>	<b>35</b>	<b>59</b>

### 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, has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RIGHT OF WAY Database: UST, Date of Government Version: 07/20/2020 Facility Type: CLOSED Facility Id: 50005385 Tank Status: Removed from Ground	108 S COURTLAND ST	SSE 0 - 1/8 (0.042 mi.)	C17	39
COUNTY OF OCEANA Database: UST, Date of Government Version: 07/20/2020 Facility Type: CLOSED Facility Id: 00008330 Tank Status: Removed from Ground	100 S STATE ST	SE 0 - 1/8 (0.083 mi.)	36	61
HART EZ MART Database: UST, Date of Government Version: 07/20/2020 Facility Type: ACTIVE Facility Id: 00008478 Tank Status: Removed from Ground Tank Status: Currently In Use	223 S STATE ST	SSE 1/8 - 1/4 (0.144 mi.)	E38	65

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART EZ MART</b> Database: UST, Date of Government Version: 07/20/2020 Facility Type: CLOSED Facility Id: 00003366 Tank Status: Removed from Ground	<b>3 N STATE ST</b>	<b>E 0 - 1/8 (0.047 mi.)</b>	<b>D18</b>	<b>40</b>
STATE STREET ROW Database: UST, Date of Government Version: 07/20/2020	45 N STATE ST	ENE 0 - 1/8 (0.065 mi.)	D25	48



## EXECUTIVE SUMMARY

### ***State and tribal Brownfields sites***

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, has revealed that there is 1 BROWNFIELDS site 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>
<b>FARMERS PETROLEUM CO</b> Database: BROWNFIELDS, Date of Government Version: 01/15/2016 Facility Id: 00004787	<b>504 S STATE ST</b>	<b>S 1/4 - 1/2 (0.303 mi.)</b>	<b>H45</b>	<b>79</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Hazardous waste / Contaminated Sites***

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OCEANA CO RD COMM HA</b> Facility Status: Interim Response conducted Facility ID: 64000005	<b>3501 WEST POLK ROAD</b>	<b>S 1/2 - 1 (0.920 mi.)</b>	<b>53</b>	<b>89</b>

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

A review of the INVENTORY list, as provided by EDR, and dated 01/20/2021 has revealed that there are

## EXECUTIVE SUMMARY

16 INVENTORY sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
101 SOUTH WATER STRE <b>HART EZ MART</b> Facility ID: 00008478	101 SOUTH WATER STRE <b>223 S STATE ST</b>	SW 0 - 1/8 (0.013 mi.) <b>SSE 1/8 - 1/4 (0.144 mi.)</b>	B14 <b>E39</b>	33 <b>72</b>
100 SOUTH UNION STRE Facility ID: 64000107	100 SOUTH UNION STRE	ESE 1/4 - 1/2 (0.265 mi.)	G44	79
<b>FARMERS PETROLEUM CO</b> Facility ID: 00004787	<b>504 S STATE ST</b>	<b>S 1/4 - 1/2 (0.303 mi.)</b>	<b>H45</b>	<b>79</b>
504 SOUTH STATE STRE <b>DAVES PARTY STORE</b> Facility ID: 64000110	504 SOUTH STATE STRE <b>408 WOOD ST</b>	S 1/4 - 1/2 (0.303 mi.) <b>SSE 1/4 - 1/2 (0.431 mi.)</b>	H47 <b>I48</b>	83 <b>83</b>
DAVES PARTY STORE Facility ID: 00035885	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	I49	84
GRISWOLD STREET AT J Facility ID: 64000109	GRISWOLD STREET AT J	ESE 1/4 - 1/2 (0.490 mi.)	51	88
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART EZ MART</b> <b>HART TAX INCREMENT F</b> <b>HART EZ MART</b> Facility ID: 00003366	<b>3 N STATE ST</b> <b>3 N STATE ST</b> <b>3 N STATE ST</b>	<b>E 0 - 1/8 (0.047 mi.)</b> <b>ENE 0 - 1/8 (0.064 mi.)</b> <b>ENE 0 - 1/8 (0.064 mi.)</b>	<b>D18</b> <b>D20</b> <b>D21</b>	<b>40</b> <b>43</b> <b>43</b>
24 - 26 NORTH STATE Facility ID: 64000063	24 - 26 NORTH STATE	ENE 0 - 1/8 (0.064 mi.)	D24	47
24 AND 26 NORTH STAT Facility ID: 64000063	24 AND 26 NORTH STAT	ENE 0 - 1/8 (0.072 mi.)	D29	50
26 NORTH STATE STREE Facility ID: 64000063	26 NORTH STATE STREE	ENE 0 - 1/8 (0.072 mi.)	D30	50
<b>MERSKIN &amp; MERSKIN PC</b> Facility ID: 00001715	<b>26 N STATE ST</b>	<b>ENE 0 - 1/8 (0.072 mi.)</b>	<b>D31</b>	<b>51</b>
227 EAST MAIN STREET Facility ID: 64000124	227 EAST MAIN STREET	E 1/8 - 1/4 (0.147 mi.)	F40	73

### **Other Ascertainable Records**

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2 RCRA NonGen / NLR 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>
HART TAX INCREMENT F	3 N STATE ST	ENE 0 - 1/8 (0.064 mi.)	D22	44

## EXECUTIVE SUMMARY

EPA ID:: MIK147629455

**FREMONT COOPERATIVE**

**17 E MAIN ST**

**E 0 - 1/8 (0.077 mi.)**

**D34**

**55**

EPA ID:: MIK111735221

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 02/11/2021 has revealed that there is 1 FUDS 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>
HART PRISONER-OF-WAR		SSW 1/2 - 1 (0.820 mi.)	52	88

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

A review of the BEA list, as provided by EDR, and dated 08/21/2013 has revealed that there are 5 BEA 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>
100 SOUTH UNION STRE	100 SOUTH UNION STRE	ESE 1/4 - 1/2 (0.265 mi.)	G43	78
504 SOUTH STATE STRE	504 SOUTH STATE STRE	S 1/4 - 1/2 (0.303 mi.)	H46	82
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART TAX INCREMENT F</b>	<b>3 N STATE ST</b>	<b>ENE 0 - 1/8 (0.064 mi.)</b>	<b>D20</b>	<b>43</b>
26 NORTH STATE STREE	26 NORTH STATE STREE	ENE 0 - 1/8 (0.072 mi.)	D27	49
24 AND 26 NORTH STAT	24 AND 26 NORTH STAT	ENE 0 - 1/8 (0.072 mi.)	D28	50

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

A review of the COAL ASH list, as provided by EDR, and dated 10/08/2020 has revealed that there is 1 COAL ASH site 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>
GRAND HAVEN BL&P Facility Id: 12425	100 WATER STREET	SW 0 - 1/8 (0.006 mi.)	B12	31

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected

## EXECUTIVE SUMMARY

listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BLARNEY CASTLE OIL C	3 S STATE ST	E 0 - 1/8 (0.063 mi.)	D19	42
DOWNTOWN MOBIL	3 N STATE ST	ENE 0 - 1/8 (0.064 mi.)	D23	47



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

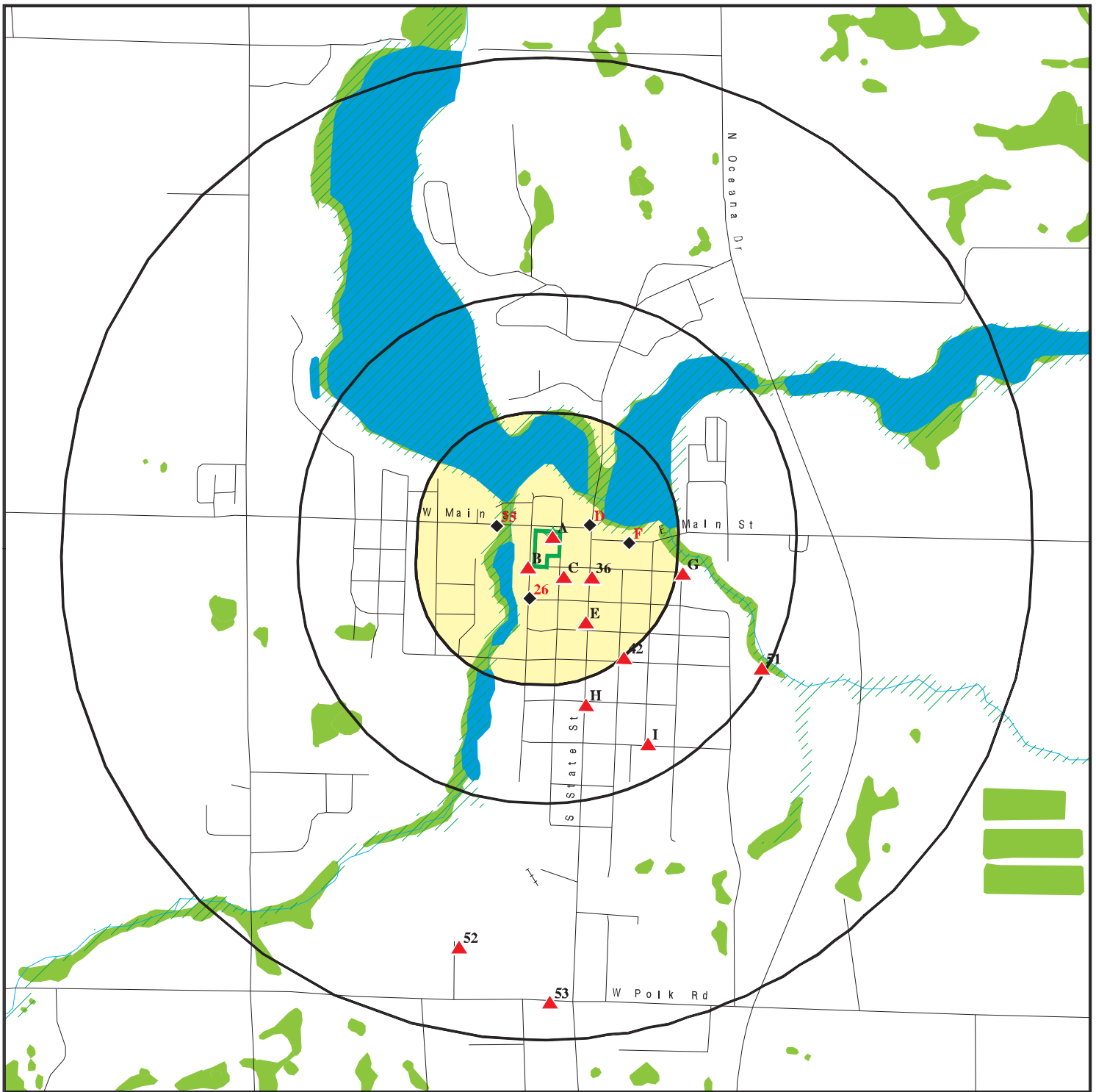
Site Name

HART HYDRO ELECTRIC PLANT

Database(s)

PART 201, DEL PART 201  
CDL

# OVERVIEW MAP - 6550291.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

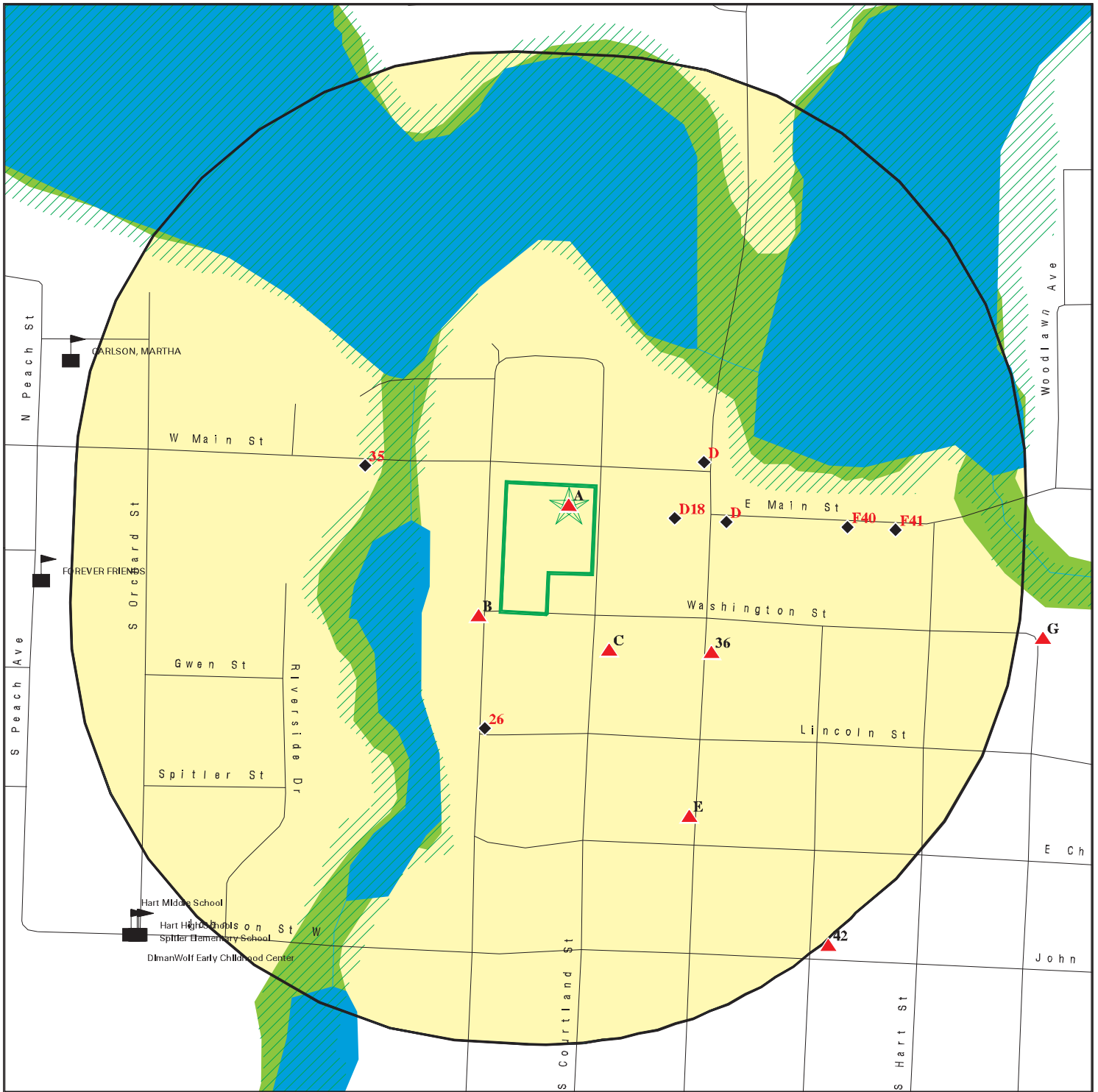









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: 3 East Main - Hart  
 ADDRESS: 3 East Main Street  
 Hart MI 49420  
 LAT/LONG: 43.702845 / 86.36521

CLIENT: Westshore Engineering & Surv.  
 CONTACT: Adam Mulling  
 INQUIRY #: 6550291.2s  
 DATE: June 24, 2021 7:41 am

# DETAIL MAP - 6550291.2S



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

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  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.

<p><b>SITE NAME:</b> 3 East Main - Hart  <b>ADDRESS:</b> 3 East Main Street                  Hart MI 49420  <b>LAT/LONG:</b> 43.702845 / 86.36521</p>	<p><b>CLIENT:</b> Westshore Engineering &amp; Surv.  <b>CONTACT:</b> Adam Mulling  <b>INQUIRY #:</b> 6550291.2s  <b>DATE:</b> June 24, 2021 7:42 am</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b>Federal NPL site list</b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b>Federal De-listed NPL site list</b>								
De-listed NPL	1.000		0	0	0	0	NR	0
<b>Federal CERCLIS list</b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b>Federal CERCLIS NFRAP site list</b>								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
<b>Federal RCRA CORRACTS facilities list</b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b>Federal RCRA non-CORRACTS TSD facilities list</b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b>Federal RCRA generators list</b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSOG	0.250		1	1	NR	NR	NR	2
<b>Federal institutional controls / engineering controls registries</b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b>Federal ERNS list</b>								
ERNS	0.001		1	0	NR	NR	NR	1
<b>State- and tribal - equivalent CERCLIS</b>								
SHWS	1.000		0	0	0	0	NR	0
<b>State and tribal landfill and/or solid waste disposal site lists</b>								
SWW/FLF	0.500		0	0	0	NR	NR	0
<b>State and tribal leaking storage tank lists</b>								
LUST	0.500		4	1	4	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		6	2	NR	NR	NR	9
AST	0.250		2	0	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AUL	0.500		1	0	0	NR	NR	1
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	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
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
PART 201	1.000		0	0	0	1	NR	1
INVENTORY	0.500		8	2	6	NR	NR	16
CDL	0.001		0	NR	NR	NR	NR	0
DEL PART 201	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	0	NR	0
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		2	0	NR	NR	NR	2
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SCRD DRY CLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	1
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	2
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	2
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	0	NR	NR	0
ABANDONED MINES	0.250		0	0	0	NR	NR	0
FINDS	0.001		4	NR	NR	NR	NR	4
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	1
AIFS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BEA	0.500		3	0	2	NR	NR	5
COAL ASH	0.500		1	0	0	NR	NR	1
DRY CLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
<b>EDR HIGH RISK HISTORICAL RECORDS</b>								
<b>EDR Exclusive Records</b>	1.000		0	0	0	0	NR	0
EDR IMG			0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b>EDR RECOVERED GOVERNMENT ARCHIVES</b>								
<b>Exclusive Recovered Govt. Archives</b>								
RG PART 201	0.001		0	NR	NR	NR	NR	0
RGALF	0.001		0	NR	NR	NR	NR	0
RGALUST	0.001		0	NR	NR	NR	NR	0
- Totals --		14	31	6	13	2	0	66

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

Site

Database(s)

EDR ID Number  
EPA ID Number

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

MAP FINDINGS

A1  
Target  
Property

CERES SOLUTIONS COOPERATIVE 10002  
3 E MAIN ST  
HART, MI 49420

Actual:  
655 ft.

Site 1 of 11 in cluster A  
FINDS:  
Registry ID: 110070126723  
Click Here:  
Environmental Interest/Information System:  
SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.  
Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FINDS  
1024043675  
N/A

A2  
Target  
Property

CERES SOLUTIONS COOPERATIVE  
3 EAST MAIN STREET  
HART, MI 49420

Actual:  
655 ft.

Site 2 of 11 in cluster A  
FINDS:  
Registry ID: 110067631361  
Click Here:  
Environmental Interest/Information System:  
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.  
Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO  
1018373450  
Registry ID:  
110067631361  
DFR URL:  
Name:  
Address:  
City, State, Zip:  
http://echo.epa.gov/detailed-facility-report?fid=110067631361  
CERES SOLUTIONS COOPERATIVE  
3 EAST MAIN STREET  
HART, MI 49420

FINDS  
1018373460  
ECHO  
N/A

A3  
Target  
Property

FREMONT CO-OP PRODUCE CO-HART BRANCH  
3 EAST MAIN STREET BOX 471  
HART, MI 49420

Actual:  
655 ft.

Site 3 of 11 in cluster A  
FTTS INSP:  
Inspection Number: 20011218MMMDZ 1  
Region: 05  
Inspection Date: 12/18/01  
Inspector: ZUPIN  
Violation occurred: No  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

HIST FTTS INSP:  
Inspection Number: 20011218MMMDZ 1  
Region: 05  
Inspection Date: Not reported  
Inspector: ZUPIN  
Violation occurred: No  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

HIST FTTS INSP:  
Inspection Number: 20011218MMMDZ 1  
Region: 05  
Inspection Date: Not reported  
Inspector: ZUPIN  
Violation occurred: No  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

SSTS  
1004531063  
N/A

A4  
Target  
Property

FREMONT PRODUCE COOPERATIVE-HART BRANCH  
3 E MAIN ST  
HART, MI 49420

Actual:  
655 ft.

Site 4 of 11 in cluster A  
SSTS:  
Name:  
Address:  
City, State, Zip:  
Report Year:  
Registration Number:  
Pre 2016:  
Registration Number:  
Name:  
Address:  
Address 2:  
Country Code:  
Country:  
Contact Name:  
Contact Title:  
Contact Telephone:  
Contact Email:  
Product Name:  
Product Code:  
EPA Product Registration Number:  
Product Type:  
Product Classification:  
Product Use:

SSTS:  
Name:  
Address:  
City, State, Zip:  
Report Year:  
Registration Number:  
Pre 2016:  
Registration Number:  
Name:  
Address:  
Address 2:  
Country Code:  
Country:  
Contact Name:  
Contact Title:  
Contact Telephone:  
Contact Email:  
Product Name:  
Product Code:  
EPA Product Registration Number:  
Product Type:  
Product Classification:  
Product Use:

NORTH CENTRAL COOPERATIVE, INC.  
3 EAST MAIN STREET  
HART, MI 49420  
2013  
50139-MI-2  
50139-MI-2  
NORTH CENTRAL COOPERATIVE, INC.  
3 EAST MAIN STREET  
Not reported  
USA  
United States  
Rodney Stevens  
Location Manager  
(231) 873-2158  
pr@asmark.org  
VO WEATHERSTICK  
Not reported  
50534-185-100  
3 - Repackages/Relabeled  
34 - Herbicide  
Not reported

FTTS  
1008514811  
HIST FTTS  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number

EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

1004531053

Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: 2 - All Other Products  
RUP:  
  
Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2:  
Country: USA  
United States  
Contact Name: Rodney Stevens  
Location Manager  
Contact Title: (231) 873-2158  
Contact Telephone: PR@asmark.org  
Contact Email: CORNERSTONE 5 PLUS  
Product Name: Not reported  
Product Code: 1381-241  
EPA Product Registration Number:  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: 2 - All Other Products  
RUP:

Report Year: 2000  
Registration Number: 050139MI 002

Pre 2016:

Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2:  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: HARNESS XTRA  
Product Code: 1  
EPA Product Registration Number: 00052400480  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: Not reported  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP:  
  
Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EPA ID Number

EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

1004531053

Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ULTRA  
Product Code: 1  
EPA Product Registration Number: 00052400475  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP:

Report Year: 2006  
Registration Number: 050139-MI-002

Pre 2016:

Registration Number: 050139-MI-002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2:  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BICEP LITE  
Product Code: Not reported  
EPA Product Registration Number: 000100-00827  
Product Type: REPACKAGED OR RELABELED  
Product Classification: HERBICIDE  
Product Use: ALL OTHER PRODUCTS  
Market Type: MARKETED IN UNITED STATES  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP:  
  
Registration Number: 050139-MI-002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2:  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)** 1004531053

EPA Product Registration Number: 050534-00188  
Product Type: REPACKAGED OR RELABELED  
Product Classification: FUNGICIDE  
Product Use: ALL OTHER PRODUCTS  
Marketed In: MARKETING IN UNITED STATES  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139-MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ORIG MAX  
Product Code: Not reported  
EPA Product Registration Number: 000524-00539  
Product Type: REPACKAGED OR RELABELED  
Product Classification: HERBICIDE  
Product Use: ALL OTHER PRODUCTS  
Marketed In: MARKETING IN UNITED STATES  
Market Type: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2011  
Registration Number: 50139-MI-2  
Pre 2016: 50139-MI-2  
Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Country: Not reported  
USA  
United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: PR@asmark.org  
Product Name: BICEP LITE  
Product Code: 100-827  
EPA Product Registration Number: 3 - Repackages/Relabeled  
Product Type: 34 - Herbicide  
Product Classification: Not reported  
Product Use: USA  
Marketed In: Not reported  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)** 1004531053

Report Year: 2004  
Registration Number: 050139MI002  
Pre 2016: 050139MI002  
Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: CORNERSTONE PLUS  
Product Code: 0  
EPA Product Registration Number: 104275000061  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: KEYSTONE  
Product Code: 0  
EPA Product Registration Number: 106271900368  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

Database(s)  
EPA ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

1004531063

Product Name: BRAVO WEATHERSTIK  
Product Code: 0  
EPA Product Registration Number: 105063400188  
Product Type: 3  
Product Classification: 02  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2003  
Registration Number: 050139MI002

Pre 2016:

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: 1  
EPA Product Registration Number: 05053400188  
Product Type: 3  
Product Classification: 02  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: 05  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP WEATHERMAX  
Product Code: 1  
EPA Product Registration Number: 00052400637  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

Database(s)  
EPA ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

1004531063

Zero Production: Not reported  
RUP: Not reported

Report Year: 2010  
Registration Number: 50139-MI-2

Pre 2016:  
Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: rst@ncasmk.org  
Product Name: BICEP  
Product Code: Not reported  
EPA Product Registration Number: 1004817  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 1 - Restricted Use Pesticide

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: rst@ncasmk.org  
Product Name: TOUCHDOWN TOTAL  
Product Code: Not reported  
EPA Product Registration Number: 100-1169  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Report Year: 2002  
Registration Number: 050139MI002

Pre 2016:  
Registration Number: 050139MI002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EPA ID Number  
1004531053

Database(s)

Site

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP WEATHERMAX  
Product Code: 00052400537  
EPA Product Registration Number: 3  
Product Type: 04  
Product Classification: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2012

Registration Number: 50139-MI-2

Pre 2016:

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: pr@asmark.org  
Product Name: BRAYO WEATHERSTIK  
Product Code: Not reported  
EPA Product Registration Number: 3-- Repackages/Relabeled  
Product Type: 50534-188-100  
Product Classification: 27- Fungicide  
Market Type: Not reported  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: 2 - All Other Products  
RUP: Not reported

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: pr@asmark.org

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EPA ID Number  
1004531053

Database(s)

Site

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

Product Name: CORNERSTONE  
Product Code: Not reported  
EPA Product Registration Number: 42750-59-1381  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Market Type: Not reported  
Product Unit of Measure: USA  
Region: Not reported  
Zero Production: 5  
RUP: 2 - All Other Products

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: pr@asmark.org  
Product Name: CORNERSTONE  
Product Code: Not reported  
EPA Product Registration Number: 524-454-1381  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Market Type: Not reported  
Product Unit of Measure: USA  
Region: Not reported  
Zero Production: 5  
RUP: 2 - All Other Products

Report Year: 2007

Registration Number: 050139MI002

Pre 2016:

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BICEP LITE  
Product Code: 00010000827  
EPA Product Registration Number: 1  
Product Type: 3  
Product Classification: 04  
Market Type: 2  
Product Unit of Measure: 1  
Region: Not reported  
RUP: 05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

Database(s)  
EPA ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH

Address 2: 3 E MAIN ST

Country Code: Not reported

Country: Not reported

Contact Name: Not reported

Contact Title: Not reported

Contact Telephone: Not reported

Contact Email: Not reported

Product Name: BRAVO WEATHERSTIK

Product Code: 1

EPA Product Registration Number: 05053400188

Product Type: 3

Product Classification: 02

Product Use: 2

Market Type: 1

Product Unit of Measure: 05

Region: Not reported

Zero Production: Not reported

RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH

Address 2: 3 E MAIN ST

Country Code: Not reported

Country: Not reported

Contact Name: Not reported

Contact Title: Not reported

Contact Telephone: Not reported

Contact Email: Not reported

Product Name: ROUNDUP ORIG MAX

Product Code: 1

EPA Product Registration Number: 00052400639

Product Type: 3

Product Classification: 04

Product Use: 2

Market Type: 1

Product Unit of Measure: 05

Region: Not reported

Zero Production: Not reported

RUP: Not reported

Report Year: 2014

Registration Number: 50139-MI-2

Pre 2016: 50139-MI-2

Registration Number: NORTH CENTRAL COOPERATIVE, INC.

Name: 3 EAST MAIN STREET

Address 2: Not reported

Country Code: USA

Country: United States

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

Contact Name: Rodney Stevens

Contact Title: Location Manager

Contact Telephone: (231) 873-2158

Contact Email: ppt@asmark.org

Product Name: BRAVO WEATHERSTICK

Product Code: Not reported

EPA Product Registration Number: 50534-188-100

Product Type: 3 - Repackages/Relabelled

Product Classification: 34 - Herbicide

Product Use: Not reported

Market Type: USA

Product Unit of Measure: Not reported

Region: 5

Zero Production: Not reported

RUP: 2 - All Other Products

Registration Number: 50139-MI-2

Name: NORTH CENTRAL COOPERATIVE, INC.

Address 2: 3 EAST MAIN STREET

Country Code: USA

Country: United States

Contact Name: Rodney Stevens

Contact Title: Location Manager

Contact Telephone: (231) 873-2158

Contact Email: ppt@asmark.org

Product Name: ravo weatherstick

Product Code: Not reported

EPA Product Registration Number: 50534-188-100

Product Type: 3 - Repackages/Relabelled

Product Classification: 34 - Herbicide

Product Use: Not reported

Market Type: USA

Product Unit of Measure: Not reported

Region: 5

Zero Production: Not reported

RUP: 2 - All Other Products

Registration Number: 50139-MI-2

Name: NORTH CENTRAL COOPERATIVE, INC.

Address 2: 3 EAST MAIN STREET

Country Code: USA

Country: United States

Contact Name: Rodney Stevens

Contact Title: Location Manager

Contact Telephone: (231) 873-2158

Contact Email: ppt@asmark.org

Product Name: cornstoe 5 plus

Product Code: Not reported

EPA Product Registration Number: 1381-241

Product Type: 3 - Repackages/Relabelled

Product Classification: 34 - Herbicide

Product Use: Not reported

Market Type: USA

Product Unit of Measure: Not reported

Region: 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

Database(s)  
EPA ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH

Address 2: 3 E MAIN ST

Country Code: Not reported

Country: Not reported

Contact Name: Not reported

Contact Title: Not reported

Contact Telephone: Not reported

Contact Email: Not reported

Product Name: BRAVO WEATHERSTIK

Product Code: 1

EPA Product Registration Number: 05053400188

Product Type: 3

Product Classification: 02

Product Use: 2

Market Type: 1

Product Unit of Measure: 05

Region: Not reported

Zero Production: Not reported

RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH

Address 2: 3 E MAIN ST

Country Code: Not reported

Country: Not reported

Contact Name: Not reported

Contact Title: Not reported

Contact Telephone: Not reported

Contact Email: Not reported

Product Name: ROUNDUP ORIG MAX

Product Code: 1

EPA Product Registration Number: 00052400639

Product Type: 3

Product Classification: 04

Product Use: 2

Market Type: 1

Product Unit of Measure: 05

Region: Not reported

Zero Production: Not reported

RUP: Not reported

Report Year: 2014

Registration Number: 50139-MI-2

Pre 2016: 50139-MI-2

Registration Number: NORTH CENTRAL COOPERATIVE, INC.

Name: 3 EAST MAIN STREET

Address 2: Not reported

Country Code: USA

Country: United States

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

1004531053

Zero Production:  
RUP: 2 - All Other Products

Report Year:  
Registration Number: 2005  
050139MI002

Pre 2016:  
Registration Number:  
Name: 050139MI002  
Address: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address 2: 3 E MAIN ST  
Country: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BICEP LITE  
Product Code: 0  
EPA Product Registration Number: 00010000827  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number:  
Name: 050139MI002  
Address: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address 2: 3 E MAIN ST  
Country: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: 0  
EPA Product Registration Number: 05053400188  
Product Type: 3  
Product Classification: 02  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number:  
Name: 050139MI002  
Address: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address 2: 3 E MAIN ST  
Country: Not reported  
Country Code: Not reported  
Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

1004531053

Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ORIG MAX  
Product Code: 0  
EPA Product Registration Number: 00052400539  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year:  
Registration Number: 2015  
050139MI 002

Report Year:  
Registration Number: 2015  
50139-MI-2

Pre 2016:  
Registration Number:  
Name: 50139-MI-2  
Address: NORTH CENTRAL COOPERATIVE, INC.  
Address 2: 3 EAST MAIN STREET  
Country: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: Not reported  
Product Code: Not reported  
EPA Product Registration Number: Not reported  
Product Type: Not reported  
Product Classification: Not reported  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: Not reported

Report Year:  
Registration Number: 1999  
050139MI 002

Pre 2016:  
Registration Number:  
Name: 050139MI002  
Address: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address 2: 3 E MAIN ST  
Country: Not reported  
Country Code: Not reported  
Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

1004531053

Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: HARNESS XTRA  
Product Code: 1  
EPA Product Registration Number: 00052400480  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUND-UP ULTRA  
Product Code: 1  
EPA Product Registration Number: 00052400475  
Product Type: 3  
Product Classification: 04  
Product Use: 2

Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2001  
Registration Number: 050139MI002

Pre 2016:  
Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: HARNESS XTRA  
Product Code: 1  
EPA Product Registration Number: 00052400480  
Product Type: 3  
Product Classification: 04  
Product Use: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

1004531053

Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ULTRA MAX  
Product Code: 1  
EPA Product Registration Number: 00052400512  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

**A5**  
Target  
Property

**HART COUNTRYMARK CO-OP**  
3 EAST MAIN ST  
HART MI, MI 49240

FTTS 1007280578  
HIST FTTS N/A

Site 5 of 11 in cluster A

Actual:  
655 ft.

FTTS INSP:  
Inspection Number: 19950830MI-MZ 1  
Region: 05  
Inspection Date: 08/30/95  
Inspector: ZUPIN  
Violation occurred: Yes  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

HIST FTTS INSP:  
Inspection Number: 19950830MI-MZ 1  
Region: 05  
Inspection Date: Not reported  
Inspector: ZUPIN  
Violation occurred: Yes  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

Map ID  
Direction  
Distance  
Elevation

Site

**A6**  
Target  
Property

**COUNTRYMARK, INC**  
3 E MAIN ST  
HART, MI 49420

Database(s)

EDR ID Number  
EPA ID Number

Map ID  
Direction  
Distance  
Elevation

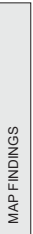
Site

**A7**  
Target  
Property

**COUNTRYMARK, INC**  
3 E MAIN ST  
HART, MI 49420

Database(s)

EDR ID Number  
EPA ID Number



**A6**  
Target  
Property

**COUNTRYMARK, INC**  
3 E MAIN ST  
HART, MI 49420

Database(s)

EDR ID Number  
EPA ID Number

Map ID  
Direction  
Distance  
Elevation

Site

**A7**  
Target  
Property

**COUNTRYMARK, INC**  
3 E MAIN ST  
HART, MI 49420

Database(s)

EDR ID Number  
EPA ID Number

UST

Site 6 of 11 in cluster A

Actual: 655 ft.

Name: COUNTRYMARK, INC  
Address: 3 E MAIN ST  
City/State/Zip: HART, MI 49420-1129  
Facility Type: CLOSED  
Facility ID: 00017953  
Facility Region: Not reported  
Owner Name: COUNTRYMARK, INC  
Owner Address: 3 E MAIN ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1129  
Owner Contact: Not reported  
Owner Phone: 6168732158  
Contact: DONALD WALSWORTH  
Contact Phone: (616) 873-2158  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Gasoline  
Initial Date: 05/03/1971  
Remove Date: 10/01/1990  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70262  
Longitude: -86.36345  
Name: COUNTRYMARK, INC  
Address: 3 E MAIN ST  
City/State/Zip: HART, MI 49420-1129  
Facility Type: CLOSED  
Facility ID: 00017953  
Facility Region: Not reported  
Owner Name: COUNTRYMARK, INC  
Owner Address: 3 E MAIN ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1129

UST

Site 7 of 11 in cluster A

Actual: 655 ft.

Name: NORTH CENTRAL CO-OP INC  
Address: 3 E MAIN ST  
City: HART  
Zip: 49420-1129  
Facility ID: 92065089  
Tank ID Old: Not reported  
Owner Name: Not reported  
Owner Address: 3 E MAIN ST  
Owner City/State/Zip: HART, MI 49420  
District: 3  
Date of Collection: 08/21/2007  
Accuracy: 40 FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA C/F  
Horizontal Datum: NAD83  
Latitude: 43.7027380  
Longitude: -86.365693  
Tank Id: ATK-138158-15

COUNTRYMARK, INC (Continued)

Owner Contact: Not reported  
Owner Phone: 6168732158  
Contact: DONALD WALSWORTH  
Contact Phone: (616) 873-2158  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Diesel  
Initial Date: 05/03/1971  
Remove Date: 10/01/1990  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70262  
Longitude: -86.36345

**A7**  
Target  
Property

**NORTH CENTRAL CO-OP INC**  
3 E MAIN ST  
HART, MI 49420

Database(s)

EDR ID Number  
EPA ID Number

Site 7 of 11 in cluster A

Actual: 655 ft.

Name: NORTH CENTRAL CO-OP INC  
Address: 3 E MAIN ST  
City: HART  
Zip: 49420-1129  
Facility ID: 92065089  
Tank ID Old: Not reported  
Owner Name: Not reported  
Owner Address: 3 E MAIN ST  
Owner City/State/Zip: HART, MI 49420  
District: 3  
Date of Collection: 08/21/2007  
Accuracy: 40 FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA C/F  
Horizontal Datum: NAD83  
Latitude: 43.7027380  
Longitude: -86.365693  
Tank Id: ATK-138158-15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

A100319858

Site

**NORTH CENTRAL CO-OP INC (Continued)**

Tank Status: Removed from Ground  
Capacity (in gallons): 500  
Installation Date: 01/11/2012  
Substance Stored: LPG  
Removed/Closed Date: 04/19/2017

Tank Id: ATK-123226-15  
Tank Status: Removed from Premises  
Capacity (in gallons): 500  
Installation Date: Not reported  
Substance Stored: LPG  
Removed/Closed Date: 01/11/2012

A8  
Target  
Property

3 EAST MAIN  
HART, MI

ERNS 2008667934  
N/A

**Site 8 of 11 in cluster A**

Actual: 685 ft.  
Incident Commons:  
NRC Report #:

Description of Incident:

867934  
CALLER IS REPORTING THE RELEASE 500 GALLONS OF PESTICIDES. WHERE IT  
RELEASED FROM AND CAUSE ARE UNKNOWN.

FIXED

Type of Incident: UNKNOWN  
Incident Cause: 2008-04-14 18:00:00

Incident Date Time: OCCURRED

Incident DTG: Not reported

Incident Location: 3 EAST MAIN

Location Address: Not reported

Location Street 1: Not reported

Location Street 2: HART

Location Nearest City: HART

Location State: MI

Location County: OCEANA

Location Zip: Not reported

Distance From City: Not reported

Distance Units: Not reported

Direction From City: Not reported

Lat Deg: Not reported

Lat Min: Not reported

Lat Sec: Not reported

Lat Quad: Not reported

Long Deg: Not reported

Long Min: Not reported

Long Sec: Not reported

Long Quad: Not reported

Location Section: Not reported

Location Township: Not reported

Location range: Not reported

Potential Range: N

Incidents:

867934

NRC Report #: Not reported

Aircraft Type: Not reported

Aircraft Model: Not reported

Aircraft ID: Not reported

Aircraft Fuel Capacity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)

EPA ID Number  
EDR ID Number

2008667934

Site

**(Continued)**

Aircraft Fuel Capacity Units: Not reported  
Aircraft Fuel on Board: Not reported  
Aircraft Fuel on Board Units: Not reported  
Aircraft Spot Number: Not reported  
Aircraft Hanger: Not reported  
Aircraft Runway Number: Not reported  
Road Mile Marker: Not reported  
Building ID: Not reported  
Type of Fixed Object: OTHER  
Power Generating Facility: N  
Generating Capacity: Not reported  
Type of Fuel: Not reported  
NPDES: Not reported  
NPDES Compliance: U  
Pipeline Type: Not reported  
DOT Regulated: U  
Pipeline Above Ground: ABOVE  
Exposed Underwater: N  
Pipeline Covered: U  
Railroad Hotline: Not reported  
Grade Crossing: U  
Location Subdivision: Not reported  
Railroad Milepost: Not reported  
Type Vehicle Involved: Not reported  
Crossing Device Type: Not reported  
Device Operational: Y  
DOT Crossing Number: Not reported  
Brake Failure: U  
Description of Tank: Not reported  
Tank Above Ground: ABOVE  
Transportable Container: U  
Tank Regulated: U  
Tank Regulated By: U  
Capacity of Tank: Not reported  
Actual Amount: Not reported  
Actual Amount Units: Not reported  
Platform Rig Name: Not reported  
Platform Letter: Not reported  
Location Area ID: Not reported  
Location Block ID: Not reported  
OCSP Number: Not reported  
State Lease Number: Not reported  
Pier Dock Number: Not reported  
Berth Slip Number: Not reported  
Continuous Release Type: Not reported  
Initial Continuous Release No: Not reported  
Continuous Release Permit: Not reported  
Allision: U  
Type of Structure: Not reported  
Structure Name: Not reported  
Structure Operational: U  
Airbag Deployed: U  
Date Tirm Normal Service: Not reported  
Service Disruption Time: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

2008667934

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

2008667934

(Continued)

Service Disruption Units:  
Transit Bus Flag: Not reported  
CR Begin Date: Not reported  
CR End Date: Not reported  
CR Change Date: Not reported  
FBI Contact: Not reported  
Sub Part C Testing Req: XXX  
Conductor Testing: Not reported  
Engineer Testing: Not reported  
Trainman Testing: Not reported  
Yard Foreman Testing: Not reported  
Brakeman Testing: Not reported  
Train Dispatcher Testing: Not reported  
Signalman Testing: Not reported  
Other Employee Testing: Not reported  
Unknown Testing: Not reported  
Passenger Handling: Not reported  
Passenger Route: XXX  
Passenger Delay: XXX

Incident Details:

NRC Report #: 867934  
Fire Involved: N  
Fire Extinguished: U  
Any Evacuations: U  
Number Evacuated: Not reported  
Who Evacuated: Not reported  
Radius of Evacuation: U  
Any Injuries: U  
Number Injured: Not reported  
Number Hospitalized: Not reported  
Any Fatalities: U  
Number Fatalities: Not reported  
Any Damages: N  
Damage Amount: Not reported  
Air Corridor Closed: N  
Air Corridor Desc: Not reported  
Air Closure Time: N  
Waterway Closed: Not reported  
Waterway Desc: Not reported  
Waterway Closure Time: Not reported  
Road Closed: N  
Road Desc: Not reported  
Road Closure Time: Not reported  
Closure Direction: Not reported  
Major Artery: N  
Track Closed: N  
Track Desc: Not reported  
Track Closure Time: NONE  
Media Interest: WATER  
Medium Desc: STORM DRAIN  
Additional Medium Info: STORM DRAIN  
Body of Water: HART LAKE  
Tributary of: U  
Release Secured:

(Continued)

Estimated Duration of Release: Not reported  
Release rate: Not reported  
Desc Remedial Action: UNKNOWN  
State Agency on Scene: NONE  
State Agency Report Number: NONE  
Other Agency Notified: Not reported  
Weather Conditions: UNKNOWN  
Air Temperature: Not reported  
Wind Speed: Not reported  
Wind Direction: U  
Water Supply Contaminated: U  
Sheen Size: Not reported  
Sheen Color: Not reported  
Direction of Sheen Travel: Not reported  
Sheen Odor Description: Not reported  
Wave Condition: Not reported  
Current Speed: Not reported  
Current Direction: Not reported  
Water Temperature: Not reported  
Track Close Dir: Not reported  
Empl Fatality: Not reported  
Pass Fatality: Not reported  
Community Impact: Not reported  
Wind Speed Unit: Not reported  
Employee Injuries: Not reported  
Passenger Injuries: Not reported  
Occupant Fatality: Not reported  
Current Speed Unit: Not reported  
Road Closure Units: Not reported  
Track Closure Units: Not reported  
Sheen Size Units: Not reported  
Additional Info: NO ADDITIONAL INFORMATION  
State Agency Notified: MIDEP  
Federal Agency Notified: NONE  
nearest River Mile Marker: Not reported  
Sheen Size Length: Not reported  
Sheen Size Length Units: Not reported  
Sheen Size Width: Not reported  
Sheen Size Width Units: Not reported  
Offshore: N  
Duration Unit: Not reported  
Release Rate Unit: Not reported  
Release Rate Rate: Not reported  
Passengers Transferred: NO

Calls:

NRC Report #: 867934  
Site ID: 2008667934  
Date Time Received: 2008-04-14 19:16:04  
Date Time Complete: 2008-04-14 19:26:48  
Call Type: INC  
Responsible Company: HART AGRI CO.  
Responsible Org Type: UNKNOWN  
Responsible City: HART  
Responsible State: XX  
Responsible Zip: Not reported  
On Behalf: N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site  
Database(s)  
EDR ID Number  
EPA ID Number

(Continued)

Source:

TELEPHONE

Material Involved:  
NRC Report #: 867934  
Chris Code: NCC  
Case Number: 000000-00-0  
UN Number: Not reported  
Amount of Material: 500  
Unit of Measure: GALLON(S)  
Name of Material: PENDANT 359-EC HERBICIDE  
If Reached Water: YES  
Amount in Water: 0  
Unit of Measure Reached Water: UNKNOWN AMOUNT

A9  
Target  
Property  
NORTH CENTRAL COOPERATIVE, INC.  
3 EAST MAIN STREET  
HART, MI 49420

FINDS 1012006353  
N/A

Site 9 of 11 in cluster A

FINDS:  
Registry ID: 1100388297928

Click Here:

Environmental Interest/Information System:

SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

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

A10  
Target  
Property

HART COUNTRYMARK COOPERATIVE  
3 EAST MAIN STREET  
HART, MI 49420

FINDS 1015889815  
N/A

Site 10 of 11 in cluster A

FINDS:  
Registry ID: 110011822750

Click Here:

Environmental Interest/Information System:

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

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site  
Database(s)  
EDR ID Number  
EPA ID Number

A11  
Target  
Property  
CERES SOLUTIONS COOPERATIVE  
3 EAST MAIN STREET  
HART, MI 49420

NPDES S116357073  
N/A

Site 11 of 11 in cluster A

MI NPDES:

Name: CERES SOLUTIONS COOPERATIVE  
Address: 3 EAST MAIN STREET  
City/State/Zip: HART, MI 49420  
Permit Number: MTS211084  
Permittee PO Box: Not reported  
Permittee Email: Not reported  
Issue Date: 06/29/2016  
Effective Date: 06/29/2016  
Expiration Date: 04/01/2022  
Permittee Name: Ceres Solutions Cooperative  
Permittee Address: PO Box 289  
Permittee Addr2: Not reported  
Permittee City/State/Zip: Wabash, IN 46992  
Permit Type: NPDES Certificate of Coverage under General Permit (COC)  
Facility Name 1: Not reported  
Facility Name 2: Not reported  
Facility Name 3: Not reported  
Facility Name 4: North Central Co-op  
Designated Name: 43.70124  
Latitude: N  
Lat Type Code: LAT  
Longitude: -86.36544  
Lon Direction: W  
Lon Type Code: LON  
Hydrologic Unit Code: 4060101  
Permit Status: In Effect  
COC Permit Category: SW-Industrial CY2  
DEC District Email: Grand Rapids  
DEC Permit Compliance Manager: Ryan Grant  
DEC Permit Compliance Manager Email: grantr3@michigan.gov

B12  
SW  
Relative:  
Higher  
Actual:  
661 ft.

GRAND HAVEN BL&P  
100 WATER STREET  
HART, MI 49420

COAL ASH S119762141  
N/A

Site 1 of 4 in cluster B

COAL ASH:

Name: GRAND HAVEN BL&P  
Address: 100 WATER STREET  
City/State/Zip: HART, MI 49420  
Facility Id: 12425  
Facility Status: Not reported  
Major: No  
Version: 2  
SIC Code: 4911  
SIC Description: Electric Services  
District: Grand Rapids  
Compliance Staff: Tom Berdinski  
NPDES Permit Number: MI0058209  
Surface Impoundments?: Not reported  
Isolated or Raised?: Not reported  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

Database(s)  
EPA ID Number

**B13**  
**SW**  
0.006 mi.  
311ft

**SEMS-ARCHIVE** 1003871502  
MID980993000

**Relative:**  
**Higher**  
**Actual:**  
661 ft.

**HART POWER PLT**  
100 WATER ST  
HART, MI 49420

1003871502

SEMS Archive Detail:  
Site ID: 0503174  
EPA ID: MID980993000  
Name: HART POWER PLT  
Address: 100 WATER ST  
Address 2:  
City, State, Zip: HART, MI 49420  
Cong District: 09  
FIPS Code: 26127  
FF: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**HART POWER PLT (Continued)**  
Start Date: Not reported  
Finish Date: 1986-07-28 04:00:00  
Qual: N  
Current Action Lead: EPA Perf  
Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1986-06-24 04:00:00  
Qual: N  
Current Action Lead: EPA Perf

SEMS Archive Detail:  
Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: 00  
OU: VS  
Action Code: ARCH SITE  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1996-01-10 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1985-07-24 05:00:00  
Qual: L  
Current Action Lead: St Perf

**B14**  
**SW**  
< 1/8  
0.013 mi.  
69 ft.

**INVENTORY** S117440188  
N/A

**Relative:**  
**Higher**  
**Actual:**  
660 ft.

**101 SOUTH WATER STREET**  
**101 SOUTH WATER STREET**  
**OCEANA (County), MI 49420**  
Site 3 of 4 in cluster B

**INVENTORY:**  
Name: 101 SOUTH WATER STREET  
Address: 101 SOUTH WATER STREET  
City, State, Zip: MI 49420  
Bea Number: 201503920GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: HR  
Action Name: HAZRANK  
SEQ: 1

Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1984-05-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

**B15 SW**  
 < 1/8  
 0.015 mi.  
 69 Ft.  
**Relative:**  
 Higher  
**Actual:**  
 660 Ft.

**HART BODY SHOP**  
 101 WATER ST  
 HART, MI 49420  
 Site 4 of 4 in cluster B

**RCRA-VSQG** 1000391154  
**FINDS** MID985577451  
**ECHO**

2001-12-31 00:00:00.00

**Date Form Received by Agency:** HART BODY SHOP

**Handler Name:** HART, MI 49420  
**Handler City/State/Zip:** MID985577451  
**EPA ID:** RON BENNING  
**Contact Name:** 101 WATER ST  
**Contact Address:** HART, MI 49420  
**Contact City/State/Zip:** 616-873-2316  
**Contact Telephone:** Not reported  
**Contact Fax:** Not reported  
**Contact Email:** Not reported  
**Contact Title:** 05  
**EPA Region:** Private

**Land Type:** Conditionally Exempt Small Quantity Generator  
**Federal Waste Generator Description:** Not reported  
**Non-Notifier:** Not reported  
**Biennial Report Cycle:** Not reported  
**Accessibility:** Not reported  
**Active Site Indicator:** Handler Activities  
**State District Owner:** Not reported  
**State District:** Not reported  
**Mailing Address:** 101 WATER ST  
**Mailing City/State/Zip:** HART, MI 49420  
**Owner Name:** RONALD BENNING  
**Operator Name:** Private  
**Operator Type:** RONALD BENNING  
**Short-Term Generator Activity:** Private  
**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility Activity:** No  
**Recycler Activity with Storage:** No  
**Small Quantity On-Site Burner Exemption:** No  
**Smelting Melting and Refining Furnace Exemption:** No  
**Underground Injection Control:** No  
**Off-Site Waste Receipt:** No  
**Universal Waste Indicator:** No  
**Universal Waste Destination Facility:** No  
**Federal Universal Waste:** No  
**Active Site Fed-Reg Treatment Storage and Disposal Facility:** Not reported  
**Active Site Converter Treatment Storage and Disposal Facility:** Not reported  
**Active Site State-Reg Treatment Storage and Disposal Facility:** Not reported  
**Active Site State-Reg Handler:** Not reported  
**Federal Facility Indicator:** No  
**Hazardous Secondary Material Indicator:** No  
**Sub-Part K Indicator:** Not reported  
**Commercial TSD Indicator:** No  
**Treatment Storage and Disposal Type:** Not reported  
**2018 GPPA Permit Baseline:** Not on the Baseline  
**2018 GPPA Renewals Baseline:** Not reported  
**Permit Renewals Workload Universe:** Not reported

**HART BODY SHOP (Continued)**

**Permit Workload Universe:** Not reported  
**Permit Progress Universe:** Not reported  
**Post-Closure Workload Universe:** Not reported  
**Closure Workload Universe:** Not reported  
**202 GPPA Corrective Action Baseline:** No  
**Corrective Action Workload Universe:** No  
**Subject to Corrective Action Universe:** No  
**Non-TSDs Where RCRA CA has Been Imposed Universe:** No  
**TSDs Potentially Subject to CA Under 3004 (u)(v) Universe:** No  
**TSDs Only Subject to CA under Discretionary Auth Universe:** No  
**Corrective Action Priority Ranking:** No NCAPS ranking  
**Environmental Control Indicator:** No  
**Institutional Control Indicator:** No  
**Human Exposure Controls Indicator:** N/A  
**Groundwater Controls Indicator:** N/A  
**Operating TSD Universe:** Not reported  
**Full Enforcement Universe:** Not reported  
**Significant Non-Complier Universe:** No  
**Unaddressed Significant Non-Complier Universe:** No  
**Addressed Significant Non-Complier Universe:** No  
**Significant Non-Complier With a Compliance Schedule Universe:** No  
**Financial Assurance Required:** No  
**Handler Date of Last Change:** 2011-03-03 13:15:53.0  
**Recognized Trader-Importer:** No  
**Recognized Trader-Exporter:** No  
**Importer of Spent Lead Acid Batteries:** No  
**Exporter of Spent Lead Acid Batteries:** No  
**Recycler Activity Without Storage:** Not reported  
**Manifest Broker:** No  
**Sub-Part P Indicator:** No

**Hazardous Waste Summary:**

**Waste Code:** D001  
**Waste Description:** IGNITABLE WASTE

**Handler - Owner Operator:**

**Owner/Operator Indicator:** Owner  
**Owner/Operator Name:** RONALD BENNING  
**Legal Status:** Private  
**Date Became Current:** 1997-08-01 00:00:00.  
**Date Ended Current:** Not reported  
**Owner/Operator Address:** Not reported  
**Owner/Operator City/State/Zip:** Not reported  
**Owner/Operator Telephone:** Not reported  
**Owner/Operator Telephone Ext:** Not reported  
**Owner/Operator Fax:** Not reported  
**Owner/Operator Email:** Not reported  
**Owner/Operator Indicator:** Operator  
**Owner/Operator Name:** RONALD BENNING  
**Legal Status:** Private  
**Date Became Current:** 1997-08-01 00:00:00.  
**Date Ended Current:** Not reported  
**Owner/Operator Address:** Not reported  
**Owner/Operator City/State/Zip:** Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

HART BODY SHOP (Continued)

Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Owner  
RABY GALE C  
Private  
1970-01-01 00:00:00.  
Date Became Current:  
Not reported  
Owner/Operator Address:  
Not reported  
Owner/Operator City,State,Zip:  
Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Operator  
RABY GALE C  
Private  
1970-01-01 00:00:00.  
Date Became Current:  
Not reported  
Owner/Operator Address:  
Not reported  
Owner/Operator City,State,Zip:  
Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Owner/Operator Indicator:  
Not reported  
Owner/Operator Name:  
RONALD BENNING  
Private  
1997-08-01 00:00:00.  
Date Became Current:  
Not reported  
Owner/Operator Address:  
Not reported  
Owner/Operator City,State,Zip:  
Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Owner/Operator Indicator:  
Not reported  
Owner/Operator Name:  
RABY GALE C  
Private  
1970-01-01 00:00:00.  
Date Became Current:  
Not reported  
Owner/Operator Address:  
Not reported  
Owner/Operator City,State,Zip:  
Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

HART BODY SHOP (Continued)

Not reported  
Date Ended Current:  
Not reported  
Owner/Operator Address:  
Not reported  
Owner/Operator City,State,Zip:  
Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Owner/Operator Indicator:  
Not reported  
Owner/Operator Name:  
RONALD BENNING  
Private  
1997-08-01 00:00:00.  
Date Became Current:  
Not reported  
Owner/Operator Address:  
Not reported  
Owner/Operator City,State,Zip:  
Not reported  
Owner/Operator Telephone:  
Not reported  
Owner/Operator Telephone Ext:  
Not reported  
Owner/Operator Fax:  
Not reported  
Owner/Operator Email:  
Not reported

Historic Generators:  
Receive Date: 2001-12-31 00:00:00.0  
Handler Name: HART BODY SHOP  
Federal Waste Generator Description:  
Conditionally Exempt Small Quantity Generator  
State District Owner:  
Not reported  
Large Quantity Handler of Universal Waste:  
Not reported  
Recognized Trader Importer:  
No  
Recognized Trader Exporter:  
No  
Spent Lead Acid Battery Importer:  
No  
Spent Lead Acid Battery Exporter:  
No  
Current Record:  
Yes  
Non Storage Recycler Activity:  
Not reported  
Electronic Manifest Broker:  
Not reported

Receive Date: 1990-04-02 00:00:00.0  
Handler Name: HART BODY SHOP  
Federal Waste Generator Description:  
Small Quantity Generator  
State District Owner:  
Not reported  
Large Quantity Handler of Universal Waste:  
No  
Recognized Trader Importer:  
No  
Recognized Trader Exporter:  
No  
Spent Lead Acid Battery Importer:  
No  
Spent Lead Acid Battery Exporter:  
No  
Current Record:  
No  
Non Storage Recycler Activity:  
Not reported  
Electronic Manifest Broker:  
Not reported

List of NAICS Codes and Descriptions:  
NAICS Code: 8112  
NAICS Description: AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

Facility Has Received Notices of Violations:  
Violations: No Violations Found

Evaluation Action Summary:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

**HART BODY SHOP (Continued)**

1000391154

Evaluations: No Evaluations Found

FINDS: Registry ID: 110003638948

Click Here: 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.

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

EnvId: 1000391154  
Registry ID: 110003638948  
DPR URL: <http://eno.epa.gov/detailed-facility-report?fid=110003638948>  
Name: HART BODY SHOP  
Address: 101 WATER ST  
City,State,Zip: HART, MI 49420

C16  
SSE  
< 1/8  
0.042 mi.  
220 ft.

LUST S106521478  
N/A

**RIGHT OF WAY**

108 S COURTLAND ST  
HART, MI 49420-  
50005385

Site 1 of 2 in cluster C

Name: RIGHT OF WAY  
Address: 108 S COURTLAND ST  
City,State,Zip: HART, MI 49420-  
50005385  
Facility ID: STATE OF MICHIGAN  
Source: Cityof Hart  
Owner Name: Not reported  
Owner Address: UNKNOWN, MI  
Owner City,SL,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Right of Way  
Latitude: 43.70192  
Longitude: -86.96807  
Date of Collection: 11/04/2006  
Method of Collection: Interpolation-Map  
Accuracy: 15  
Horizontal Data: METERS  
Point Line Area: POINT  
Desc. Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported

Relative:  
Higher:  
Actual:  
688 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

**RIGHT OF WAY (Continued)**

S106521478

Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
Leak Number: C-0351-04  
Release Date: 08/12/2004  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 01/30/2015

RIGHT OF WAY  
108 S COURTLAND ST  
HART, MI 49420

UST  
U004295607  
N/A

**Site 2 of 2 in cluster C**

UST:  
Name: RIGHT OF WAY  
Address: 108 S COURTLAND ST  
City,State,Zip: HART 49420-1143  
Facility Type: CLOSED  
Facility ID: 50005385  
Owner Name: Not reported  
Owner Address: CITY OF HART  
Owner City: 407 STATE  
Owner State: MI  
Owner Zip: 49420  
Owner Contact: Not reported  
Owner Phone: 2318732488  
Contact: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc. Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 1  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Not reported  
Install Date: Not reported  
Remove Date: 08/06/2004  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

C17  
SSE  
< 1/8  
0.042 mi.  
220 ft.  
Relative:  
Higher:  
Actual:  
688 ft.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

Substance: Gasoline  
Install Date: 04/24/1966  
Remove Date: 04/28/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: 43.70273  
Longitude: -86.36397

**INVENTORY:**

**HART EZ MART (FORMER)**  
Name: HART EZ MART (FORMER)  
Address: 3 STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200401479GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**FINANCIAL ASSURANCE 3:**

**HART EZ MART**  
Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART, MI 49420-1224  
Facility ID: 00008478  
Exempt: No  
Expiration Date: 03/04/2021  
Bond Rating Tests: Not reported  
Commercial Insurance: Not reported  
Guarantee: Not reported  
Letter of Credit: Not reported  
Risk Retention Group: Not reported  
Self Insurance: Not reported  
State Funds: CHECKED  
Surety Bond: Not reported  
Trust Funds: Not reported  
Year: 2020

**BLARNEY CASTLE OIL CO**

**D19**  
East  
< 1/8  
0.063 mi.  
332 ft.

Relative: Lower  
Actual: 640 ft.

EDR Hist: Auto  
EDR Hist: Auto

Site 2 of 16 in cluster D

Name: 1994 BLARNEY CASTLE OIL CO  
Type: Gasoline Service Stations

**EDR Hist: Auto**

1021144449  
N/A

U00332746

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART TAX INCREMENT FINANCE AUTHORITY**

**D20**  
ENE  
< 1/8  
0.064 mi.  
337 ft.

Relative: Lower  
Actual: 638 ft.

Site 3 of 16 in cluster D

INVENTORY:

**HART TAX INCREMENT FINANCE AUTHORITY**  
Name: 3 N STATE STREET  
Address: 3 N STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 201102879GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**BEA:**

Secondary Address: Not reported  
BEA Number: 2879  
District: Grand Rapids  
Date Received: 01/19/2011  
Submitter Name: City of Hart  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination: 20107A: No Request  
Reviewer: mecherb  
Division Assigned: Storage Tank Division

**WDS:**

**HART TAX INCREMENT FINANCE AUTHORITY**  
Name: HART TAX INCREMENT FINANCE AUTHORITY  
Address: 3 N STATE ST  
City/State/Zip: HART, MI 49420  
Site Id: MIK147629455  
WMD Id: 487944  
Site Specific Name: FORMER EZ MART  
Mailing Address: 407 N STATE ST  
Mailing City/State/Zip: 49420  
Mailing County: OCEANA

**HART EZ MART**

**D21**  
ENE  
< 1/8  
0.064 mi.  
337 ft.

Relative: Lower  
Actual: 638 ft.

Site 4 of 16 in cluster D

INVENTORY:

**HART EZ MART**  
Name: HART EZ MART  
Address: 3 N STATE ST  
City/State/Zip: HART, MI 49420-00003366  
Facility ID: STATE OF MICHIGAN  
Source: Blamey/Castle Oil Co  
Owner Name: Not reported  
Owner Address: UNKNOWN, MI  
Owner City/State/Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA

INVENTORY  
BEA  
WDS

S110748221  
N/A

LUST  
INVENTORY

S125297806  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EPA ID Number  
EPA ID Number

Database(s)

S125297806

Site

**HART EZ MART (Continued)**

District: Grand Rapids  
Site Name: Hart EZ Mart - Superior Oil Company  
Latitude: 43.70273  
Longitude: -86.36397  
Date of Collection: 10/23/2007  
Method of Collection: Interpolation-Map  
Accuracy: 40  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-1317-85  
Release Date: 01/01/1987  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 07/18/2011

**INVENTORY:**

Name: HART EZ MART  
Address: 3 N STATE ST  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Grand Rapids  
District: Part 213  
Data Source: 43.70273  
Latitude: -86.36398  
Longitude:

D22  
ENE  
< 1/8  
0.064 mi.  
337 ft.  
Lower

Relative:  
Lower  
Actual:  
638 ft.

HART TAX INCREMENT FINANCE AUTHORITY  
3 N STATE ST  
HART, MI 49420

Site 5 of 16 in cluster D

RCRA NonGen / NLR: 2010-06-01 00:00:00.0  
Date Form Received by Agency: HART TAX INCREMENT FINANCE AUTHORITY  
Handler Name: 3 N STATE ST  
Handler Address: HART, MI 49420  
Handler City/State/Zip: STANLEY RICKARD  
EPA ID: MIK147629455  
Contact Name: HART, MI 49420  
Contact Address: 3 N STATE ST  
Contact City/State/Zip: HART, MI 49420  
Contact Telephone: 231-873-2488  
Contact Fax: Not reported  
Contact Email: Not reported  
EPA Region: 05  
Land Type: Municipal  
Federal Waste Generator Description: Not a generator, verified  
Non-Notifier: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EPA ID Number  
EPA ID Number

Database(s)

1014391450

Site

**HART TAX INCREMENT FINANCE AUTHORITY (Continued)**

Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Not reported  
State District Owner: Not reported  
State District: Not reported  
Mailing Address: 407 N STATE ST  
Owner Name: HART, MI 49420  
Operator Name: HART TAX INCREMENT FINANCE AUTHORITY  
Operator Type: Municipal  
Short-Term Generator Activity: HART TAX INCREMENT FINANCE AUTHORITY  
Importer Activity: Municipal  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No  
Universal Waste Indicator: No  
Federal Universal Waste: No  
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
Federal Facility Indicator: --  
Hazardous Secondary Material Indicator: NN  
Sub-Part K Indicator: NN  
Commercial TSD Indicator: Not reported  
Treatment Storage and Disposal Type: Not on the Baseline  
2018 GPRR Permit Baseline: Not on the Baseline  
Permit Renewals Workload Universe: Not reported  
Permit Workload Universe: Not reported  
Permit Progress Universe: Not reported  
Post-Closure Workload Universe: Not reported  
Closure Workload Universe: Not reported  
202 GPRR Corrective Action Baseline: No  
Subject to Corrective Action Universe: No  
Non-TSDFs Where RCRA CA has Been Imposed Universe: No  
TSDFs Potentially Subject to CA Under 3004 (u)(v) Universe: No  
TSDFs Only Subject to CA under Discretionary Auth Universe: No  
Corrective Action Priority Ranking: No NCAPS ranking  
Environmental Control Indicator: No  
Institutional Control Indicator: No  
Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Operating TSDU Universe: Not reported  
Full Enforcement Universe: No  
Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**HART TAX INCREMENT FINANCE AUTHORITY (Continued)**

1014391460

Financial Assurance Required: Not reported  
Handler Date of Last Change: 2011-03-03 13:15:53.0  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

**Hazardous Waste Summary:**

Waste Code: D001  
Waste Description: IGNITABLE WASTE

**Handler - Owner Operator:**

Operator: HART TAX INCREMENT FINANCE AUTHORITY  
Owner/Operator Indicator: Municipal  
Owner/Operator Name: HART TAX INCREMENT FINANCE AUTHORITY  
Legal Status: Not reported  
Date Became Current: 2001-02-01 00:00:00.  
Owner/Operator Address: Not reported  
Owner/Operator City, State, Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Owner:**

Owner: HART TAX INCREMENT FINANCE AUTHORITY  
Owner/Operator Indicator: Municipal  
Owner/Operator Name: HART TAX INCREMENT FINANCE AUTHORITY  
Legal Status: Not reported  
Date Became Current: 2001-02-01 00:00:00.  
Owner/Operator Address: Not reported  
Owner/Operator City, State, Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Historic Generators:**

Receive Date: 2010-06-01 00:00:00.0  
Handler Name: HART TAX INCREMENT FINANCE AUTHORITY  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: No  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: Yes  
Current Record: Not reported  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**HART TAX INCREMENT FINANCE AUTHORITY (Continued)**

1014391460

NAICS Code: 44512  
NAICS Description: CONVENIENCE STORES

Facility Has Received Notices of Violations: No Violations Found

Violations: No Violations Found

Evaluation Action Summary: No Evaluations Found

Evaluations: No Evaluations Found

**DOWNTOWN MOBIL**  
3 N STATE ST  
HART, MI 49420

EDR Hist. Auto 1021664184  
N/A

Site 6 of 16 in cluster D

EDR Hist. Auto

Year: Name:

1973	DOWNTOWN MOBIL	Gasoline Service Stations
1974	DOWNTOWN MOBIL	Gasoline Service Stations
1975	DOWNTOWN MOBIL	Gasoline Service Stations
1976	DOWNTOWN MOBIL	Gasoline Service Stations
1977	DOWNTOWN MOBIL	Gasoline Service Stations
1978	DOWNTOWN MOBIL	Gasoline Service Stations
1979	DOWNTOWN MOBIL	Gasoline Service Stations
1980	DOWNTOWN MOBIL	Gasoline Service Stations
1982	DOWNTOWN MOBIL	Gasoline Service Stations
1983	DOWNTOWN MOBIL	Gasoline Service Stations

**D24**  
ENE  
< 1/8  
0.064 mi.  
339 ft.

INVENTORY S114024103  
N/A

Site 7 of 16 in cluster D

INVENTORY:

Name: 24 - 26 NORTH STATE STREET  
Address: 24 - 26 NORTH STATE STREET  
City, State, Zip: MI 49420  
Bea Number: 201002676GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

**D25**  
**ENE**  
**< 1/8**  
**0.065 mi.**  
**341 ft.**  
**Site 8 of 16 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**637 ft.**

UST:  
Name: STATE STREET ROW  
Address: 45 N STATE ST  
City/State/Zip: HART, MI 49420  
Facility Type: CLOSED  
Facility ID: 00042522  
Not reported  
City/Off HART  
Owner Address: 407 S STATE ST  
HART  
Owner City: MI  
Owner State: MI  
Owner Zip: 49420  
Owner Contact: Not reported  
Owner Phone: 2318732488  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Des: Category: Not reported  
Method of Collection: Not reported  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 160  
Removed from Ground  
Tank Status: Not reported  
Substance: Not reported  
Install Date: 07/01/2014  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

**26**  
**SSW**  
**< 1/8**  
**0.066 mi.**  
**389 ft.**  
**Site 8 of 16 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**654 ft.**

AST:  
Name: LARSONS SONS  
Address: 4 LINCOLN ST  
City: HART  
Zip: 49420-1136  
Facility ID: 92064054

**AST**  
**A100318360**  
**N/A**

**UST**  
**U004225639**  
**N/A**

**LARSONS SONS (Continued)**

Tank ID Old: Not reported  
Owner Name: EXCEL PROPANE CO  
Owner Address: 365 SOUTH 3RD AVENUE  
Owner City/State/Zip: FRUITPORT, MI 49415  
District: 3  
Date of Collection: 04/28/2009  
Accuracy: 40 FEET  
Point Line Area: STATE OF MICHIGAN  
Source: POINT  
Description Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Horizontal Datum: NAD83  
Latitude: 43.7006843  
Longitude: -86.365027  
Tank ID: ATK-122419-15  
Tank Status: Removed from Premises  
Capacity (in gallons): 500  
Installation Date: 10/23/2006  
Substance Stored: LPG  
Removed/Closed Date: 11/03/2014  
Tank ID: ATK-040110-15  
Tank Status: Removed from Premises  
Capacity (in gallons): 500  
Installation Date: 06/30/1987  
Substance Stored: LPG  
Removed/Closed Date: 10/23/2006

**DZ7**  
**ENE**  
**< 1/8**  
**0.072 mi.**  
**378 ft.**  
**Site 9 of 16 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**26 NORTH STATE STREET**  
**26 NORTH STATE STREET**  
**HART, MI 49420**

**BEA**  
**S105966576**  
**N/A**

BEA:  
Secondary Address: Not reported  
BEA Number: 1233  
District: Grand Rapids  
Date Received: 06/27/2003  
Submitter Name: Gayle Forner  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination: 20107A  
Reviewer: mecherb  
Division Assigned: Storage Tank Division

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

Site

**D28**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**HART, MI 49420**  
**Site 10 of 16 in cluster D**

**BEA:**  
BEA Number: 2275  
District: Grand Rapids  
Date Received: 04/23/2008  
Submitter Name: Lake Pointe LDHALP  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: 1  
Determination 20107A: Affirmed  
Reviewer: mecherb  
Division Assigned: Storage Tank Division

Database(s)  
EPA ID Number

Site

**D31**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**MERSKIN & MERSKIN PC**  
**26 N STATE ST**  
**HART, MI 49420**  
**Site 13 of 16 in cluster D**

**LUST:**  
Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City: HART, MI 49420  
Facility ID: 00001715  
Source: STATE OF MICHIGAN  
Owner Name: Merskin & Merskin Pc  
Owner Address: Not reported  
Owner City/State/Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Merskin And Merskin  
Latitude: 43.70292  
Longitude: -86.36344  
Date of Collection: 01/11/2001  
Method of Collection: Address Matching-House Number  
Accuracy: 100  
FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Database(s)  
EPA ID Number

Site

**D29**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**OCEANA (County), MI 49420**  
**Site 11 of 16 in cluster D**

**INVENTORY:**  
Name: 24 AND 26 NORTH STATE STREET  
Address: 24 AND 26 NORTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200802275GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Database(s)  
EPA ID Number

Site

**D30**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**26 NORTH STATE STREET**  
**26 NORTH STATE STREET**  
**OCEANA (County), MI 49420**  
**Site 12 of 16 in cluster D**

**INVENTORY:**  
Name: 26 NORTH STATE STREET  
Address: 26 NORTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200301233GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

Site

**26 NORTH STATE STREET (Continued)**  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

**D31**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**MERSKIN & MERSKIN PC**  
**26 N STATE ST**  
**HART, MI 49420**  
**Site 13 of 16 in cluster D**

**LUST:**  
Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City: HART, MI 49420  
Facility ID: 00001715  
Source: STATE OF MICHIGAN  
Owner Name: Merskin & Merskin Pc  
Owner Address: Not reported  
Owner City/State/Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Merskin And Merskin  
Latitude: 43.70292  
Longitude: -86.36344  
Date of Collection: 01/11/2001  
Method of Collection: Address Matching-House Number  
Accuracy: 100  
FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Database(s)  
EPA ID Number

Site

**D28**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**HART, MI 49420**  
**Site 10 of 16 in cluster D**

**BEA:**  
BEA Number: 2275  
District: Grand Rapids  
Date Received: 04/23/2008  
Submitter Name: Lake Pointe LDHALP  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: 1  
Determination 20107A: Affirmed  
Reviewer: mecherb  
Division Assigned: Storage Tank Division

Database(s)  
EPA ID Number

Site

**D29**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**OCEANA (County), MI 49420**  
**Site 11 of 16 in cluster D**

**INVENTORY:**  
Name: 24 AND 26 NORTH STATE STREET  
Address: 24 AND 26 NORTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200802275GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Database(s)  
EPA ID Number

Site

**D30**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**26 NORTH STATE STREET**  
**26 NORTH STATE STREET**  
**OCEANA (County), MI 49420**  
**Site 12 of 16 in cluster D**

**INVENTORY:**  
Name: 26 NORTH STATE STREET  
Address: 26 NORTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200301233GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

Site

**D31**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**MERSKIN & MERSKIN PC**  
**26 N STATE ST**  
**HART, MI 49420**  
**Site 13 of 16 in cluster D**

**LUST:**  
Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City: HART, MI 49420  
Facility ID: 00001715  
Source: STATE OF MICHIGAN  
Owner Name: Merskin & Merskin Pc  
Owner Address: Not reported  
Owner City/State/Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Merskin And Merskin  
Latitude: 43.70292  
Longitude: -86.36344  
Date of Collection: 01/11/2001  
Method of Collection: Address Matching-House Number  
Accuracy: 100  
FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Database(s)  
EPA ID Number

Site

**D28**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**HART, MI 49420**  
**Site 10 of 16 in cluster D**

**BEA:**  
BEA Number: 2275  
District: Grand Rapids  
Date Received: 04/23/2008  
Submitter Name: Lake Pointe LDHALP  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: 1  
Determination 20107A: Affirmed  
Reviewer: mecherb  
Division Assigned: Storage Tank Division

Database(s)  
EPA ID Number

Site

**D29**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**OCEANA (County), MI 49420**  
**Site 11 of 16 in cluster D**

**INVENTORY:**  
Name: 24 AND 26 NORTH STATE STREET  
Address: 24 AND 26 NORTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200802275GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Database(s)  
EPA ID Number

Site

**D30**  
**ENE**  
**< 1/8**  
**0.07z mi.**  
**378 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

**26 NORTH STATE STREET**  
**26 NORTH STATE STREET**  
**OCEANA (County), MI 49420**  
**Site 12 of 16 in cluster D**

**INVENTORY:**  
Name: 26 NORTH STATE STREET  
Address: 26 NORTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200301233GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70312  
Longitude: -86.36363

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

MERSKIN & MERSKIN PC (Continued)

Owner Zip: 49420-1121  
Owner Contact: Not reported  
Owner Phone: 6168732111  
Contact: DAVID L. HATCH  
Contact Phone: (616) 845-6251  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2

Capacity: 1200  
Tank Status: Closed in Ground  
Substance: Gasoline  
Install Date: 04/03/1971  
Remove Date: 05/20/1994  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70292  
Longitude: -86.36344

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City/State/Zip: HART, MI 49420-1194  
Facility Type: CLOSED  
Facility ID: 00001715  
Facility Region: Not reported  
Owner Name: MERSKIN & MERSKIN PC  
Owner Address: 26 N STATE ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1121  
Owner Contact: Not reported  
Owner Phone: 6168732111  
Contact: DAVID L. HATCH  
Contact Phone: (616) 845-6251  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 1000

MERSKIN & MERSKIN PC (Continued)

Tank Status: Closed in Ground  
Substance: Diesel  
Install Date: 04/02/1966  
Remove Date: 05/20/1994  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70292  
Longitude: -86.36344

INVENTORY:  
Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Grand Rapids  
District: Part 213  
Data Source: 43.70293  
Latitude: -86.36344

WDS:  
Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City/State/Zip: HART, MI 49420  
Site Id: MIG000038992  
WMD Id: 416620  
Site Specific Name: MERSKIN & MERSKIN PC  
Mailing Address: 26 N STATE ST  
Mailing City/State/Zip: 49420  
Mailing County: OCEANA

D32  
ENE  
< 1/8  
0.072 mi.  
378 ft.  
Relative:  
Lower  
Actual:  
635 ft.

MERSKIN & MERSKIN PC  
26 NORTH STATE STREET  
HART, MI 49420  
Site 14 of 16 in cluster D

AUL:  
Name: MERSKIN & MERSKIN PC  
Address: 26 NORTH STATE STREET  
City/State/Zip: HART, MI 49420  
Status: Recorded  
Site Name: Not reported  
Property: on-site  
Land Use Restriction Type: RC  
Program Type: Part 213  
Program Support Assigned User: Nicholas Ekel  
Program Support Assigned Date: 02/11/2015  
Legal Description Of Property: Not reported  
Based On The Dec. Ref #: 11121314180  
MDEQ Reference Number: RC-RRD-213-14-180

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

MERSKIN & MERSKIN PC (Continued)

Owner Zip: 49420-1121  
Owner Contact: Not reported  
Owner Phone: 6168732111  
Contact: DAVID L. HATCH  
Contact Phone: (616) 845-6251  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2

Capacity: 1200  
Tank Status: Closed in Ground  
Substance: Gasoline  
Install Date: 04/03/1971  
Remove Date: 05/20/1994  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70292  
Longitude: -86.36344

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City/State/Zip: HART, MI 49420-1194  
Facility Type: CLOSED  
Facility ID: 00001715  
Facility Region: Not reported  
Owner Name: MERSKIN & MERSKIN PC  
Owner Address: 26 N STATE ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1121  
Owner Contact: Not reported  
Owner Phone: 6168732111  
Contact: DAVID L. HATCH  
Contact Phone: (616) 845-6251  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 1000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERSKIN & MERSKIN PC (Continued)**

**S117369634**

Property Or Description Restricted Area: Not reported  
 Lead Division: RD  
 File Name Of Hyperlinked Legal Doc: L:\KERMIT\11121314180.PDF  
 Mapped Polygons Area In Acres: 0.599600000000000002  
 Mapped Polygons Area In Square Miles: 0.0009  
 Date Data Entry Started: 05/11/2015  
 Individual Or Staff Assoc With The Mapping: Nicholas Elki  
 Program Used To Map Restricted Features: ArcGIS 10.2  
 Date Legal Paperwork Stamped/Filled/Registered/Deeds: 01/14/2015  
 Commercial I Land Use Restriction: 0  
 Commercial II Land Use Restriction: 0  
 Commercial III Land Use Restriction: 0  
 Commercial IV Land Use Restriction: 0  
 Industrial Land Use Restriction: 0  
 Residential Land Use Restriction: 0  
 Recreational Land Use Restriction: 0  
 Multiple Land-Use Restrictions: 0  
 Site Specific Restrictions: 1  
 Groundwater Consumption Restrictions: 1  
 Groundwater Contact Restrictions: 0  
 Special Well Construction Requirements: 0  
 Special Building Restrictions: 1  
 Excavation And Soil Movement Restrictions: 0  
 Soil Movement Requirements: 0  
 There Is A Restriction On All Construction: 0  
 Monitoring Well Protected, No Tampering Or Removal: 0  
 There Is An Exposure Barrier In Place: 0  
 There Is A Health And Safety Plan: 0  
 There Is A Permanent Marker On The Site: 0  
 Comment: August 29, 2014, consultant requested DEQ reference # 20150211 - LRUR is NOT mapped in KERMIT - Nick Ekel  
 Map Comments: mispaeed in KERMIT - Nick Ekel

**FARMERS PETROLEUM  
17 E MAIN ST  
HART, MI 49420**

**AST A100150988  
N/A**

**Site 15 of 16 in cluster D**

AST: Name: FARMERS PETROLEUM  
 Address: 17 E MAIN ST  
 City: HART  
 Zip: 49420-3103  
 Facility ID: 92064003  
 Tank ID Old: Not reported  
 Owner Name: SHELL GAS (LPG) BULK, LLC  
 Owner Address: 5857 S WARNER AVENUE  
 Owner City, St, Zip: FREMONT, MI 49412  
 District: 3  
 Date of Collection: 08/08/2001  
 Accuracy: 10 METERS  
 Source: STATE OF MICHIGAN  
 Point Line Area: POINT  
 Description Category: Plant Entrance (Freight)  
 Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
 Horizontal Datum: NAD83

D33  
East  
< 7/8  
0.077 mi.  
406 ft.  
Relative:  
Lower  
Actual:  
646 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM (Continued)**

**A100150988**

Latitude: 43.6922780  
 Longitude: -86.366653  
 Tank ID: ATK-028551-15  
 Capacity (in gallons): 30000  
 Installation Date: 11/21/1986  
 Substance Stored: LPG  
 Removed/Closed Date: 12/08/2003

**FREMONT COOPERATIVE PRODUCE INC**

**RCRA NonGen / NLR  
FINDS 1005808396  
ECHO MIK11735221**

**Site 16 of 16 in cluster D**

RCRA NonGen / NLR: 2005-04-02 00:00:00.0  
 Date Form Received by Agency: FREMONT COOPERATIVE PRODUCE INC  
 Handler Name: 17 E MAIN ST  
 Handler Address: HART, MI 49420  
 EPA ID: MIK11735221  
 Contact Name: TOM SAYLES  
 Contact Address: 17 E MAIN ST  
 Contact City, State, Zip: HART, MI 49420  
 Contact Telephone: 231-873-3042  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 05  
 Land Type: Other  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 17 E MAIN ST  
 Mailing City, State, Zip: HART, MI 49420  
 Owner Name: Private  
 Owner Type: NO ACTIVE OI/OP AS NOT GENERATING WASTE  
 Operator Name: Private  
 Operator Type: NO ACTIVE OI/OP AS NOT GENERATING WASTE  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

Active Site Converter Treatment storage and Disposal Facility: Not reported  
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
Active Site State-Reg Handler: ---  
Federal Facility Indicator: Not reported  
Hazardous Secondary Material Indicator: NN  
Sub-Part K Indicator: Not reported  
Commercial TSD Indicator: No  
Treatment Storage and Disposal Type: Not reported  
2018 GPRR Permit Baseline: Not on the Baseline  
2018 GPRR Renewals Baseline: Not on the Baseline  
Permit Renewals Workload Universe: Not reported  
Permit Workload Universe: Not reported  
Post-Closure Workload Universe: Not reported  
Closure Workload Universe: Not reported  
202 GPRR Corrective Action Baseline: No  
Corrective Action Workload Universe: No  
Subject to Corrective Action Universe: No  
Non-TSDFs Where RCRA CA has Been Imposed Universe: No  
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No  
TSDFs Only Subject to CA under Discretionary Auth Universe: No  
Corrective Action Priority Ranking: No NCAPS ranking  
Environmental Control Indicator: No  
Institutional Control Indicator: No  
Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Operating TSDF Universe: Not reported  
Full Enforcement Universe: Not reported  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: 2011-03-03 13:15:53.0  
Handler Date of Last Change: Not reported  
Recognized Trader-Importer: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

**Hazardous Waste Summary:**

Waste Code: D001  
Waste Description: IGNITABLE WASTE

**Handler - Owner/Operator:**

Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE OIOP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 2005-04-03 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City, State, Zip: Not reported  
Owner/Operator Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
Owner/Operator Indicator: Operator  
Owner/Operator Name: NO ACTIVE OIOP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 2005-04-03 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City, State, Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE OIOP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 2005-04-03 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City, State, Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported  
Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE OIOP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 2005-04-03 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City, State, Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Historic Generators:**

Receive Date: 2003-02-25 00:00:00.0  
Handler Name: FREMONT COOPERATIVE PRODUCE INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported  
Receive Date: 2005-04-02 00:00:00.0  
Handler Name: FREMONT COOPERATIVE PRODUCE INC  
Federal Waste Generator Description: Not a generator, verified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

1006808396

Site

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:  
NAICS Code: 111998  
NAICS Description: ALL OTHER MISCELLANEOUS CROP FARMING

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Return to Compliance Date: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Consent/UFinal Order Sequence Number: Not reported  
Consent/UFinal Order Respondent Name: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:  
Evaluation Date: 2003-03-27 00:00:00  
Evaluation Responsible Agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

1006808396

Site

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

FNDS:  
Registry ID: 110014456427

Click Here:

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

Click this hyperlink while viewing on your computer to access additional FNDS: detail in the EDR Site Report.

ECHO:  
EnvId: 1006808396  
Registry ID: 110014456427  
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014456427  
Name: FREMONT COOPERATIVE PRODUCE INC  
Address: 17 E MAIN ST  
City/State/Zip: HART, MI 49420

35  
West  
< 1/8  
0.082 mi.  
435 ft.  
Lower  
Actual:  
626 ft.

LUST  
LUST  
LUST  
U003790899  
N/A

Relative:  
Name: FORD GARAGE  
Address: 151 W MAIN ST  
City/State/Zip: HART, MI 49420-  
Facility ID: 00040804  
Source: STATE OF MICHIGAN  
Owner Name: City of Hart  
Owner Address: Not reported  
Owner City/State/Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: City Of Hart - Ford Garage  
Latitude: 43.70317  
Longitude: -86.36454

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

**FORD GARAGE (Continued)**

Date of Collection: 10/05/2004  
Method of Collection: Address Matching-House Number  
Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0096-01  
Release Date: 02/08/2001  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 09/29/2015

UST:  
Name: FORD GARAGE  
Address: 151 W MAIN ST  
City/State/Zip: HART 49420-1024  
Facility Type: CLOSED  
Facility ID: 00040604  
Facility Region: CITY OF HART  
Owner Name: 407 STATE  
Owner Address: HART  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420  
Owner Contact: Not reported  
Owner Phone: 2318732488  
Contact: SCOTT HUEBLER  
Contact Phone: (231) 873-2488  
Date of Collection: 10/05/2004  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Not reported  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 02/09/2001  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

**FORD GARAGE (Continued)**

Impressed Device: Not reported  
Latitude: 43.70317  
Longitude: -86.36454

Relative: Higher  
Actual: 657 ft.

36  
SE  
< 1/8  
0.083 mi.  
437 ft.

UST:  
Name: COUNTY OF OCEANA  
Address: 100 S STATE ST  
City/State/Zip: HART 49420-1188  
Facility Type: CLOSED  
Facility ID: 00008330  
Facility Region: COUNTY OF OCEANA  
Owner Name: PO BOX 14  
Owner Address: HART  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-0014  
Owner Contact: Not reported  
Owner Phone: 6168734835  
Contact: Paul E Inglis  
Contact Phone: (616) 873-4835  
Date of Collection: 11/04/2006  
Accuracy: 15  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Not reported  
Method of Collection: Interpolation-Map  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1500  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 04/01/1967  
Remove Date: 04/13/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70184  
Longitude: -86.36346

County of Oceana  
Name: COUNTY OF OCEANA  
Address: 100 S STATE ST  
City/State/Zip: HART 49420-1188  
Facility Type: CLOSED  
Facility ID: 00008330  
Facility Region: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

COUNTY OF OCEANA (Continued)

Owner Name: COUNTY OF OCEANA  
 Owner Address: PO BOX 14  
 Owner City: HART  
 Owner State: MI  
 Owner Zip: 49420-0014  
 Owner Phone: 6168734835  
 Contact: Paul E Inglis  
 Contact Phone: (616) 873-4835  
 Date of Collection: 11/04/2006  
 Accuracy: 15  
 Horizontal Datum: NAD83  
 Accuracy Value Unit: METERS  
 Point Line Area: STATE OF MICHIGAN  
 Desc: Category: POINT  
 Method of Collection: Interpolation-Map  
 District: Region 3 - Grand Rapids District Office  
 Tank ID: 1  
 Capacity: 2000  
 Tank Status: Removed from Ground  
 Substance: Gasoline  
 Install Date: 04/01/1967  
 Remove Date: 04/13/1992  
 Tank Number: Not reported  
 Tank Details Compartments: Not reported  
 Tank Release Detection: Not reported  
 Pipe Release Detection: Not reported  
 Piping Material: Not reported  
 Piping Type: Not reported  
 Tank Construction: Not reported  
 Impressed Device: 43.70784  
 Longitude: -86.36346

E37  
 SSE  
 1/8-1/4  
 0.144 mi.  
 758 ft.

Relative: Higher

Actual: 675 ft.

RCRA-VSQG 1018157790  
 FINDS MIK882613494  
 ECHO

Site 1 of 3 in cluster E

RCRA-VSQG: Date Form Received by Agency: 2015-11-04 00:00:00.0  
 Handler Name: BLARNEY CASTLE OIL CO  
 Handler Address: 223 S STATE ST  
 Handler City, State Zip: HART, MI 49420  
 EPA ID: MIK882613494  
 Contact Name: ERIK A JOHNSON  
 Contact Address: Not reported  
 Contact City, State Zip: 231-864-3111 106  
 Contact Telephone: 231-864-2303  
 Contact Fax: EJOHNSON@BLARNEYCASTLEOIL.COM  
 Contact Email: Not reported  
 Contact Title: 05  
 EPA Region: Private  
 Land Type: Conditionally Exempt Small Quantity Generator  
 Federal Waste Generator Description: Not reported  
 Non-Notifier:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

Site

BLARNEY CASTLE OIL CO (Continued)

Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 223 S STATE ST  
 Owner Name: HART, MI 49420  
 Operator Name: BLARNEY CASTLE OIL CO  
 Operator Type: Private  
 Short-Term Generator Activity: BLARNEY CASTLE OIL CO  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelling Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Federal Universal Waste: No  
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site State-Reg Handler: Not reported  
 Federal Facility Indicator: --  
 Hazardous Secondary Material Indicator: NN  
 Sub-Part K Indicator: Not reported  
 Commercial TSD Indicator: No  
 Treatment Storage and Disposal Type: Not reported  
 2018 GPRR Permit Baseline: Not on the Baseline  
 2018 GPRR Renewals Baseline: Not reported  
 Permit Renewals Workload Universe: Not reported  
 Permit Workload Universe: Not reported  
 Permit Progress Universe: Not reported  
 Post-Closure Workload Universe: Not reported  
 Closure Workload Universe: Not reported  
 202 GPRR Corrective Action Baseline: No  
 Corrective Action Workload Universe: No  
 Subject to Corrective Action Universe: No  
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No  
 TSDFs Potentially Subject to CA Under 3004 (u)(v) Universe: No  
 TSDFs Only Subject to CA under Discretionary Auth Universe: No  
 Corrective Action Priority Ranking: No NCAPS ranking  
 Environmental Control Indicator: No  
 Institutional Control Indicator: No  
 Human Exposure Controls Indicator: No  
 Groundwater Controls Indicator: N/A  
 Operating TSDP Universe: N/A  
 Full Enforcement Universe: Not reported  
 Significant Non-Complier Universe: No  
 Unaddressed Significant Non-Complier Universe: No  
 Addressed Significant Non-Complier Universe: No  
 Significant Non-Complier With a Compliance Schedule Universe: No

1018157790

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EPA ID Number  
EPA ID Number

Database(s)

Site

**BLARNEY CASTLE OIL CO (Continued)**

1018157790

Not reported  
2015-11-10 09:04:21.0  
No  
No  
No  
No  
No  
Not reported  
Not reported  
No

Financial Assurance Required:  
Handler Date of Last Change:  
Recognized Trader-Importer:  
Recognized Trader-Exporter:  
Importer of Spent Lead Acid Batteries:  
Exporter of Spent Lead Acid Batteries:  
Recycler Activity Without Storage:  
Manifest Broker:  
Sub-Part P Indicator:

Hazardous Waste Summary:  
Waste Code:  
Waste Description:

D001  
IGNITABLE WASTE

Handler - Owner Operator:  
Owner/Operator Indicator:  
Owner/Operator Name:  
Legal Status:  
Date Became Current:  
Date Ended Current:  
Owner/Operator Address:  
Owner/Operator City, State, Zip:  
Owner/Operator Telephone:  
Owner/Operator Telephone Ext:  
Owner/Operator Fax:  
Owner/Operator Email:

Operator  
BLARNEY CASTLE OIL CO  
Private  
1996-01-30 00:00:00.  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported

Owner/Operator Indicator:  
Owner/Operator Name:  
Legal Status:  
Date Became Current:  
Date Ended Current:  
Owner/Operator Address:  
Owner/Operator City, State, Zip:  
Owner/Operator Telephone:  
Owner/Operator Telephone Ext:  
Owner/Operator Fax:  
Owner/Operator Email:

Owner  
BLARNEY CASTLE OIL CO  
Private  
1996-01-30 00:00:00.  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported

Historic Generators:

Receive Date:  
Handler Name:  
Federal Waste Generator Description:  
State District Owner:  
Large Quantity Handler of Universal Waste:  
Recognized Trader Importer:  
Recognized Trader Exporter:  
Spent Lead Acid Battery Importer:  
Spent Lead Acid Battery Exporter:  
Current Record:  
Non Storage Recycler Activity:  
Electronic Manifest Broker:

2015-11-04 00:00:00.0  
Conditionally Exempt Small Quantity Generator  
Not reported  
No  
No  
No  
No  
No  
No  
Yes  
Not reported  
Not reported

List of NAICS Codes and Descriptions:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EPA ID Number  
EPA ID Number

Database(s)

Site

**BLARNEY CASTLE OIL CO (Continued)**

1018157790

NAICS Code:  
NAICS Description:

447110  
GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:  
Violations:

No Violations Found

Evaluation Action Summary:

No Evaluations Found

FINDS:  
Registry ID:  
Click Here:

110067044200

Environmental Interest/Information System:

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

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

ECHO:

EnvId: 1018157790  
Registry ID: 110067044200  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067044200>  
Name: BLARNEY CASTLE OIL CO  
Address: 223 S STATE ST  
City, State, Zip: HART, MI 49420

E38  
SSE  
1/6-1/4  
0.444 mi.  
758 ft.

UST  
U003328167  
N/A

Site 2 of 3 in cluster E

Relative:  
Higher  
Actual:  
675 ft.

UST:

Name: HART EZ MART  
Address: 223 S STATE ST  
City, State, Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Facility Region: Not reported  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

Database(s)  
EPA ID Number  
EPA ID Number

MAP FINDINGS

Site

Database(s)  
EPA ID Number  
EPA ID Number

Database(s)  
EPA ID Number  
EPA ID Number

**HART EZ MART (Continued)**

Accuracy: NAD83  
Horizontal Datum: METERS  
Accuracy Value Unit: STATE OF MICHIGAN  
Source: POINT  
Plant Line Area: Plant Entrance (Freight)  
Desc: Category: GPS Code Meas, Standard Positioning Service SA Off  
Method of Collection: Region 3 - Grand Rapids District Office  
District: 9  
Tank ID: 550  
Capacity: Removed from Ground  
Tank Status: Used Oil  
Substance: 10/25/1991  
Install Date: 08/03/1999  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001

Accuracy: NAD83  
Horizontal Datum: METERS  
Accuracy Value Unit: STATE OF MICHIGAN  
Source: POINT  
Plant Line Area: Plant Entrance (Freight)  
Desc: Category: GPS Code Meas, Standard Positioning Service SA Off  
Method of Collection: Region 3 - Grand Rapids District Office  
District: 8  
Tank ID: 12000  
Capacity: Currently In Use  
Tank Status: Gasoline  
Substance: 10/25/1991  
Install Date: Not reported  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported

**HART EZ MART (Continued)**

Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001

Accuracy: NAD83  
Horizontal Datum: METERS  
Accuracy Value Unit: STATE OF MICHIGAN  
Source: POINT  
Plant Line Area: Plant Entrance (Freight)  
Desc: Category: GPS Code Meas, Standard Positioning Service SA Off  
Method of Collection: Region 3 - Grand Rapids District Office  
District: 7  
Tank ID: 12000  
Capacity: Currently In Use  
Tank Status: Gasoline  
Substance: 10/25/1991  
Install Date: Not reported  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

U003328167

Region 3 - Grand Rapids District Office

**HART EZ MART (Continued)**

Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Point Line Area: STATE OF MICHIGAN  
Source: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 6  
Capacity: 8000  
Currently In Use: Currently In Use  
Substance: Gasoline  
Install Date: 10/25/1991  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 233 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: Not reported  
Owner Address: BLARNEY CASTLE OIL CO  
Owner City: PO BOX 246  
Owner State: BEAR LAKE  
Owner Zip: MI  
Owner Contact: 49614  
Owner Phone: Not reported  
Contact: 2318643111  
Contact Phone: Veronica Collier  
Date of Collection: (231) 864-3111  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Point Line Area: STATE OF MICHIGAN  
Source: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

U003328167

Region 3 - Grand Rapids District Office

**HART EZ MART (Continued)**

District: Region 3 - Grand Rapids District Office  
Tank ID: 5  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: 10/27/1991  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: Not reported  
Owner Address: BLARNEY CASTLE OIL CO  
Owner City: PO BOX 246  
Owner State: BEAR LAKE  
Owner Zip: MI  
Owner Contact: 49614  
Owner Phone: Not reported  
Contact: 2318643111  
Contact Phone: Veronica Collier  
Date of Collection: (231) 864-3111  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Point Line Area: STATE OF MICHIGAN  
Source: POINT  
Desc: Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 4  
Capacity: 4000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 04/04/1975  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

**HART EZ MART (Continued)**

Longitude: -86.36390  
Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility ID: ACTIVE  
Facility Type: Not reported  
Facility Region: BLARNEY CASTLE OIL CO  
Owner Name: PO BOX 246  
Owner Address: BEAR LAKE  
Owner City: MI  
Owner State: 49614  
Owner Zip: Not reported  
Owner Contact: Veronica Collier  
Contact: (231) 864-3111  
Contact Phone: 04/17/2001  
Date of Collection: 10  
Accuracy: NAD83  
Horizontal Datum: METERS  
Accuracy Value Unit: STATE OF MICHIGAN  
Source: POINT  
Point Line Area: Plant Entrance (Freight)  
Desc. Category: GPS Code Meas. Standard Positioning Service SA Off  
Method of Collection: Region 3 - Grand Rapids District Office  
District: 3  
Tank ID: 5000  
Capacity: Removed from Ground  
Tank Status: Gasoline  
Substances: 04/04/1975  
Initial Date: 10/27/1991  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Release Detection: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: 43.70035  
Latitude: -86.36390  
Longitude:

Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility ID: ACTIVE  
Facility Type: 00008478  
Facility Region: BLARNEY CASTLE OIL CO  
Owner Name: PO BOX 246  
Owner Address: BEAR LAKE  
Owner City: MI  
Owner State: 49614  
Owner Zip: Not reported  
Owner Contact: Veronica Collier  
Contact: 2318643111  
Contact Phone:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

**HART EZ MART (Continued)**

Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 8000  
Tank Status: Removed from Ground  
Substances: Gasoline  
Initial Date: 04/03/1977  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Release Detection: Not reported  
Tank Details Compartments: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: 43.70035  
Latitude: -86.36390  
Longitude:

Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART 49420-1224  
Facility ID: ACTIVE  
Facility Type: 00008478  
Facility Region: BLARNEY CASTLE OIL CO  
Owner Name: PO BOX 246  
Owner Address: BEAR LAKE  
Owner City: MI  
Owner State: 49614  
Owner Zip: Not reported  
Owner Contact: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 12000  
Tank Status: Removed from Ground  
Substances: Gasoline  
Initial Date: 04/04/1983  
Remove Date: 10/27/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site  
Database(s)  
EPA ID Number  
EDR ID Number

Site  
Database(s)  
EPA ID Number  
EDR ID Number

**HART EZ MART (Continued)**

U003328167

S125297827

Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Deletion: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

**HART EZ MART (Continued)**  
INVENTORY:  
Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 213  
Latitude: 43.70035  
Longitude: -86.3639

**E39**  
**SSE**  
1/8-1/4  
0.144 mi.  
758 ft.

**INVENTORY**  
S125715520  
N/A

**Site 3 of 3 in cluster E**

**LUST:**  
Name: HART EZ MART  
Address: 223 S STATE ST  
City/State/Zip: HART, MI 49420-  
Facility ID: 00069478  
Source: STATE OF MICHIGAN  
Owner Name: BlarneyCastle Oil Co  
Owner Address: Not reported  
Owner City, SLZip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Hart EZ Mart #213  
Latitude: 43.70035  
Longitude: -86.36390  
Date of Collection: 04/17/2001  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Accuracy: 10  
Accuracy Value Unit: METERS  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

**F40**  
**East**  
1/8-1/4  
0.147 mi.  
777 ft.

**227 EAST MAIN STREET, HART, MI 49420**  
**HART, MI**  
**Site 1 of 2 in cluster F**

**INVENTORY:**  
Name: 227 EAST MAIN STREET, HART, MI 49420  
Address: 227 EAST MAIN STREET  
City/State/Zip: HART, MI  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 43.70244  
Longitude: -86.36199

**F41**  
**East**  
1/8-1/4  
0.175 mi.  
925 ft.

**GREINERS GARAGE**  
**311 E MAIN ST**  
**HART, MI 49420**  
**Site 2 of 2 in cluster F**

**INVENTORY:**  
Name: GREINERS GARAGE  
Address: 311 E MAIN ST  
City/State/Zip: HART 49420-1264  
Facility Type: CLOSED  
Facility ID: 00012024  
Facility Region: Not reported  
Owner Name: BOONSTRA OIL CO INC  
Owner Address: 52 S JEBAY  
Owner City: LUDINGTON  
Owner State: MI  
Owner Zip: 49431  
Owner Contact: Not reported  
Owner Phone: 843-4090  
Contact: Not reported  
Contact Phone: () -  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

GREINERS GARAGE (Continued)

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 500  
Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1974  
Remove Date: 01/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Deletion: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: 43.70257  
Longitude: -86.36226

Name: GREINERS GARAGE  
Address: 311 E MAIN ST  
City/State/Zip: HART 49420-1264  
Facility Type: CLOSED  
Facility ID: 00012024  
Point Line Area: Not reported  
Owner Name: BOONSTRA OIL CO INC  
Owner Address: 52 S JEBAY  
Owner City: LUDINGTON  
Owner State: MI  
Owner Zip: 49431  
Owner Contact: Not reported  
Owner Phone: 8434090  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1000  
Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1974  
Remove Date: 01/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Deletion: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

GREINERS GARAGE (Continued)

Impressed Device: Not reported  
Latitude: 43.70257  
Longitude: -86.36226  
Name: GREINERS GARAGE  
Address: 311 E MAIN ST  
City/State/Zip: HART 49420-1264  
Facility Type: CLOSED  
Facility ID: 00012024  
Point Line Area: Not reported  
Owner Name: BOONSTRA OIL CO INC  
Owner Address: 52 S JEBAY  
Owner City: LUDINGTON  
Owner State: MI  
Owner Zip: 49431  
Owner Contact: Not reported  
Owner Phone: 8434090  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 2000  
Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1976  
Remove Date: 01/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Deletion: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: 43.70257  
Longitude: -86.36226

42  
SSE  
144.1/2  
0.232 mi.  
1333 ft.

HART PUBLIC SCHOOLS  
300 JOHNSON ST  
HART, MI 49420

Relative:  
Higher  
Actual:  
683 ft.

LUST:  
Name: HART PUBLIC SCHOOLS  
Address: 300 JOHNSON ST  
City/State/Zip: HART, MI 49420-  
Facility ID: 00035597  
Source: STATE OF MICHIGAN  
Owner Name: HartPublic Schools

LUST  
1000526750  
UST  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

**HART PUBLIC SCHOOLS (Continued)**

1000526750

Owner Address: Not reported  
Owner City, State, Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Hart Public Schools  
Latitude: 43.69914  
Longitude: -86.36220  
Date of Collection: 01/11/2001  
Method of Collection: Address Matching-House Number  
Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Datum: NAD83  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
Leak Number: C-2228-91  
Release Date: 10/23/1991  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 02/27/1997

UST:

Name: HART PUBLIC SCHOOLS  
Address: 300 JOHNSON ST  
City, State, Zip: HART 49420-1059  
Facility Type: CLOSED  
Facility ID: 00035597  
Not reported  
Facility Region: HART PUBLIC SCHOOLS  
Owner Name: HART  
Owner Address: 2266 E POLK RD  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-8514  
Owner Contact: Not reported  
Owner Phone: 6168734080  
Contact: JAMES JOHNSON  
Date of Collection: (616) 873-5691  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Diesel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EPA ID Number

Site

**HART PUBLIC SCHOOLS (Continued)**

1000526750

Install Date: Not reported  
Remove Date: 10/23/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69914  
Longitude: -86.36220

Name: HART PUBLIC SCHOOLS  
Address: 300 JOHNSON ST  
City, State, Zip: HART 49420-1059  
Facility Type: CLOSED  
Facility ID: 00035597  
Facility Region: HART PUBLIC SCHOOLS  
Owner Name: HART  
Owner Address: 2266 E POLK RD  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-8514  
Owner Contact: Not reported  
Owner Phone: 6168734080  
Contact: JAMES JOHNSON  
Date of Collection: (616) 873-5691  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc. Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 10/23/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69914  
Longitude: -86.36220

Name: HART PUBLIC SCHOOLS  
Address: 300 JOHNSON ST  
City, State, Zip: HART 49420-1059



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

HART PUBLIC SCHOOLS (Continued)

CLOSED  
Facility ID: 00035597  
Facility Region: Not reported  
Owner Name: HART PUBLIC SCHOOLS  
Owner Address: 2266 E POLK RD  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-8514  
Owner Contact: Not reported  
Owner Phone: 6168734080  
Contact: JAMES JOHNSON  
Date of Collection: (616) 873-9691  
Accuracy: 01/11/2001  
Horizontal Datum: 100  
Accuracy Value Unit: NAD83  
Source: FEET  
Point Line Area: STATE OF MICHIGAN  
Desc Category: POINT  
Method of Collection: Plant Entrance (Freight)  
District: Address Matching-House Number  
Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: Not reported  
Remove Date: 10/23/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69914  
Longitude: -86.36220

G43  
ESE  
1/4-1/2  
0.265 mi.  
1397 ft.

Site 1 of 2 in cluster G

BEA: Secondary Address: Not reported  
BEA Number: 1128  
District: Grand Rapids  
Date Received: 01/15/2003  
Submitter Name: City of Hart  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: obrien1  
Division Assigned: Environmental Response Division

BEA S105768623  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

G44  
ESE  
1/4-1/2  
0.265 mi.  
1397 ft.

Site 2 of 2 in cluster G

100 SOUTH UNION STREET  
100 SOUTH UNION STREET  
HART, MI 49420  
INVENTORY: S114021790  
N/A  
Name: 100 SOUTH UNION STREET  
Address: 100 SOUTH UNION STREET  
City/State/Zip: MI 49420  
Bea Number: 200301128GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: 43.70107  
Longitude: -86.35897

Relative:  
Higher:  
Actual:  
662 ft.

100 SOUTH UNION STREET  
100 SOUTH UNION STREET  
HART, MI 49420  
Not reported  
Hart  
Grand Rapids  
Part 201  
43.70107  
-86.35897

FARMERS PETROLEUM CO-OP INC

H45  
South  
1/4-1/2  
0.303 mi.  
1601 ft.

Site 1 of 3 in cluster H

LUST: FARMERS PETROLEUM CO-OP INC  
Name: 504 S STATE ST  
Address: HART, MI 49420-  
City/State/Zip: 00004787  
Facility ID: STATE OF MICHIGAN  
Source: FarmersPetro Coop Inc  
Owner Name: Not reported  
Owner Address: UNKNOWN, MI  
Owner City/State/Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: USA  
Country: Grand Rapids  
District: Farmers Petroleum Cooperative Inc  
Site Name: 43.69758  
Latitude: -86.36371  
Longitude: 01/11/2001  
Date of Collection: Address Matching-House Number  
Method of Collection: 100  
Accuracy: FEET  
Accuracy Value Unit: NAD83  
Horizontal Data: POINT  
Point Line Area: Plant Entrance (Freight)  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported

Relative:  
Higher:  
Actual:  
683 ft.

LUST  
LUST  
BROWNFIELDS  
INVENTORY  
U003866543  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

Database(s)  
EPA ID Number  
EDR ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

House District: Not reported  
US Congressional District: Not reported  
Leak Number: C-1320-85  
Release Date: 06/08/1988  
Substance Released: Not reported  
Release Status: Open  
Release Closed Date: Not reported

UST:

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City/State/Zip: HART 49420-1231  
Facility Type: CLOSED  
Facility ID: 00004787  
Facility Region: Not reported  
Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: WAYNE GAY  
Contact Phone: (517) 323-7000  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Point Line Area: STATE OF MICHIGAN  
Desc Category: POINT  
Method of Collection: Plant Entrance (Freight)  
Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1961  
Remove Date: 06/08/1988  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69758  
Longitude: -86.36371

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City/State/Zip: HART 49420-1231  
Facility Type: CLOSED  
Facility ID: 00004787  
Facility Region: Not reported  
Owner Name: FARMERS PETRO COOP INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

Site

Database(s)  
EPA ID Number  
EDR ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: WAYNE GAY  
Contact Phone: (517) 323-7000  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Point Line Area: STATE OF MICHIGAN  
Desc Category: POINT  
Method of Collection: Plant Entrance (Freight)  
Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1961  
Remove Date: 06/08/1988  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69736  
Longitude: -86.36371

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City/State/Zip: HART 49420-1231  
Facility Type: CLOSED  
Facility ID: 00004787  
Facility Region: Not reported  
Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: WAYNE GAY  
Contact Phone: (517) 323-7000  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Point Line Area: STATE OF MICHIGAN  
Desc Category: POINT  
Method of Collection: Plant Entrance (Freight)  
Address Matching-House Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

Site

FARMERS PETROLEUM CO-OP INC (Continued)

District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1961  
Remove Date: 06/08/1988  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: 43.69758  
Latitude: 43.69758  
Longitude: -86.36371

BROWNFIELDS:

Facility ID: 00004787  
Region: 1  
Status: Not reported  
Property Use: Not reported  
BEA: Not reported  
Ernie Id Number: Not reported

INVENTORY:

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Grand Rapids  
District: Part 2/13  
Data Source: 43.69758  
Latitude: -86.36372  
Longitude:

H46  
South  
1/4-1/2  
0.303 mi.  
1601 ft.

Site 2 of 3 in cluster H

BEA: Secondary Address: Not reported  
BEA Number: 1313  
District: Grand Rapids  
Date Received: 11/21/2003  
Submitter Name: Gayle Fomer  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: mecherb  
Division Assigned: Storage Tank Division

BEA S106096693  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

Site

H47  
South  
1/4-1/2  
0.303 mi.  
1601 ft.

Site 3 of 3 in cluster H

INVENTORY:  
Name: 504 SOUTH STATE STREET  
Address: 504 SOUTH STATE STREET  
City/State/Zip: MI 49420  
Bea Number: 200301313GR  
Township: Hart  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

DAVES PARTY STORE

SSE  
1/4-1/2  
0.431 mi.  
2278 ft.

Site 1 of 3 in cluster I

LUST:  
Name: DAVES PARTY STORE  
Address: 408 WOOD ST  
City/State/Zip: HART, MI 49420-  
Facility ID: 00035885  
Source: STATE OF MICHIGAN  
Owner Name: NO ACCELA OWNER FOUND  
Owner Address: UNKNOWN  
Owner City/State/Zip: UNKNOWN, MI 00000-0000  
Owner Contact: Not reported  
Owner Phone: (616) 795-3364  
Country: USA  
District: Grand Rapids  
Site Name: Daves Party Store  
Latitude: 43.69674  
Longitude: -86.36098  
Date of Collection: 10/21/2003  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Accuracy: 100  
Horizontal Data: POINT  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senale District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
Leak Number: C-0078-20  
Release Date: 04/30/2020  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported  
Leak Number: C-0294-17

LUST  
INVENTORY  
S118616850  
N/A

Financial Assurance

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAVES PARTY STORE (Continued)

Release Date: 11/12/2017  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

INVENTORY:

Name: DAVE'S PARTY STORE (00035885)  
Address: 408 WOOD STREET  
City/State/Zip: HART, MI  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 43.69677  
Longitude: -86.36096

FINANCIAL ASSURANCE 3:

Name: DAVES PARTY STORE  
Address: 408 WOOD ST  
City/State/Zip: HART, MI 49420-1350  
Facility ID: 00035885  
Exempt: No  
Expiration Date: 04/15/2020  
Bond Rating Tests: Not reported  
Commercial Insurance: Not reported  
Guarantee: Not reported  
Letter of Credit: Not reported  
Risk Retention Group: Not reported  
Self Insurance: Not reported  
State Funds: CHECKED  
Surety Bond: Not reported  
Trust Funds: Not reported  
Year: 2019

149 SSE 1/4-1/2 2278 ft. Relative: Higher Actual: 685 ft.

DAVES PARTY STORE  
408 WOOD ST  
HART, MI 49420

Site 2 of 3 in cluster 1

INVENTORY:

Name: DAVES PARTY STORE  
Address: 408 WOOD ST  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 213  
Latitude: 43.69675  
Longitude: -86.36099

INVENTORY S122251696  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STOKELY USA INC

409 WOOD ST  
HART, MI 49420  
Site 3 of 3 in cluster 1

Relative: Higher Actual: 685 ft.

Name: STOKELY USA INC  
Address: 409 WOOD ST  
City/State/Zip: HART, MI 49420-  
Facility ID: 00004365  
Source: STATE OF MICHIGAN  
Owner Name: Stokely USA Inc  
Owner Address: Not reported  
Owner City/State/Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Stokely Usa  
Latitude: 43.69625  
Longitude: -86.36108  
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)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0612-90  
Release Date: 02/14/1990  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 02/16/1993

UST:

Name: STOKELY USA INC  
Address: 409 WOOD ST  
City/State/Zip: HART 49420-1351  
Facility Type: CLOSED  
Facility ID: 00004365  
Facility Region: Not reported  
Owner Name: STOKELY USA INC  
Owner Address: 1055 CORPORATE CENTER DR  
Owner City: OCONOMOWOC WI  
Owner State: WI  
Owner Zip: 53066-4829  
Owner Contact: Not reported  
Owner Phone: 414-5671731  
Contact: ROGER F. WARMUSKERKEN  
Contact Phone: (616) 873-2136  
Date of Collection: 01/11/2001  
Accuracy: 100

LUST U002302861  
LUST N/A  
NPDES  
WDS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

U002302861

Site

**STOKELY USA INC (Continued)**

Horizontal Datum:  
Accuracy Value Unit:  
Source:  
Point Line Area:  
Desc. Category:  
Method of Collection:  
District:  
Tank ID:  
Capacity:  
Tank Status:  
Substance:  
Install Date:  
Remove Date:  
Tank Number:  
Tank Release Date:  
Tank Details Compartments:  
Pipe Release Detection:  
Piping Material:  
Piping Type:  
Tank Construction:  
Impressed Device:  
Latitude:  
Longitude:

NAD83  
FEET  
STATE OF MICHIGAN  
POINT  
Plant Entrance (Freight)  
Address Matching-House Number  
Region 3 - Grand Rapids District Office  
2  
500  
Removed from Ground  
Gasoline  
03/04/1981  
04/01/1990  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
Not reported  
43.69625  
-86.36108

Name:  
Address:  
City/State/Zip:  
Facility Type:  
Facility ID:  
Facility Region:  
Owner Name:  
Owner Address:  
Owner City:  
Owner State:  
Owner Zip:  
Owner Contact:  
Owner Phone:  
Contact:  
Date of Collection:  
Accuracy:  
Horizontal Datum:  
Accuracy Value Unit:  
Source:  
Point Line Area:  
Desc. Category:  
Method of Collection:  
District:  
Tank ID:  
Capacity:  
Tank Status:  
Substance:  
Install Date:  
Remove Date:  
Tank Number:  
Tank Details Compartments:  
Tank Release Detection:

STOKELY USA INC  
409 WOOD ST  
HART 49420-1351  
CLOSED  
00004355  
Not reported  
STOKELY USA INC  
1055 CORPORATE CENTER DR  
WI  
53066-4829  
Not reported  
41-4567-731  
ROGER F. WARMUSKERKEN  
(616) 873-2136  
01/11/2001  
100  
NAD83  
FEET  
STATE OF MICHIGAN  
POINT  
Plant Entrance (Freight)  
Address Matching-House Number  
Region 3 - Grand Rapids District Office  
1  
1000  
Removed from Ground  
Gasoline  
03/04/1986  
04/01/1990  
Not reported  
Not reported  
Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

U002302861

Site

**STOKELY USA INC (Continued)**

Pipe Release Detection:  
Piping Material:  
Piping Type:  
Tank Construction:  
Impressed Device:  
Latitude:  
Longitude:

Not reported  
Not reported  
Not reported  
Not reported  
43.69625  
-86.36108

MI NPDES:  
Name:  
Address:  
City/State/Zip:  
Permit Number:  
Permittee PO Box:  
Permittee Email:  
Issue Date:  
Effective Date:  
Permittee Name:  
Permittee Address:  
Permittee City/State/Zip:  
Permit Type:  
Facility Name 2:  
Facility Name 3:  
Facility Name 4:  
Designed Name:  
Latitude:  
Lat Direction:  
Lat Type Code:  
Longitude:  
Lon Direction:  
Lon Type Code:  
Hydrologic Unit Code:  
COC Permit Category:  
DEQ District Email:  
DEQ Permit Compliance Manager:  
DEQ Permit Compliance Manager Email:

INDIAN SUMMER CO-OP-HART  
409 WOOD STREET  
HART, MI 49420  
MI0001309  
N  
Not reported  
09/30/2014  
11/01/2014  
Indian Summer Co-operative, Inc.  
3958 West Chauvez Road  
Not reported  
Ludington, MI 49431  
NPDES Individual Permit  
Not reported  
Not reported  
Not reported  
Indian Summer Co-op-Hart  
43.696388  
N  
LAT  
-86.361111  
W  
LON  
4050007  
Extended  
Not reported  
Grand Rapids  
Ryan Blazic  
blazic@michigan.gov

WDS:

Name:  
Address:  
City/State/Zip:  
Site Id:  
WMD Id:  
Site Specific Name:  
Mailing Address:  
Mailing City/State/Zip:  
Mailing County:

STOKELY USA  
409 WOOD ST  
HART, MI 49420  
MIG00024469  
451009  
STOKLEY USA  
PO BOX 150  
49420  
OCEANA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**51**  
ESE  
1/4-1/2  
0.490 mi.  
2855 ft.

**Relative:**  
Higher

**Actual:**  
668 ft.

**Site**  
GRISWOLD STREET AT JOHNSON STREET, HART,  
GRISWOLD STREET AT JOHNSON STREET  
HART, MI

**INVENTORY:**  
Name: GRISWOLD STREET AT JOHNSON STREET, HART,  
Address: GRISWOLD STREET AT JOHNSON STREET  
City/State/Zip: HART, MI  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 43.69882  
Longitude: -86.35639

**52**  
SSW  
1/2-1  
0.820 mi.  
4331 ft.

**Relative:**  
Higher

**Actual:**  
713 ft.

**Site**  
HART PRISONER-OF-WAR CAMP  
HART, MI

**INVENTORY:**  
Name: HART PRISONER-OF-WAR CAMP  
Address: HART PRISONER-OF-WAR CAMP  
City/State/Zip: HART, MI  
Bea Number: Not reported  
Township: Grand Rapids  
District: Part 201  
Data Source: 43.69882  
Latitude: -86.35639

**Relative:**  
Higher

**Actual:**  
713 ft.

**Site**  
HART PRISONER-OF-WAR CAMP  
HART, MI

**INVENTORY:**  
Name: HART PRISONER-OF-WAR CAMP  
Address: HART PRISONER-OF-WAR CAMP  
City/State/Zip: HART, MI  
Bea Number: Not reported  
Township: Grand Rapids  
District: Part 201  
Data Source: 43.69882  
Latitude: -86.35639

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**53**  
South  
1/2-1  
0.320 mi.  
4858 ft.

**Relative:**  
Higher

**Actual:**  
707 ft.

**Site**  
OCEANA CO RD COMM HART  
3501 WEST POLK ROAD  
HART, MI 49420

**INVENTORY:**  
Name: OCEANA CO RD COMM HART  
Address: 3501 WEST POLK ROAD  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Hart  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 43.68818  
Longitude: -86.36466

**54**  
North  
1/2-1  
0.320 mi.  
4858 ft.

**Relative:**  
Higher

**Actual:**  
707 ft.

**Site**  
OCEANA CO RD COMM HART  
3501 WEST POLK ROAD  
HART, MI 49420

**INVENTORY:**  
Name: OCEANA CO RD COMM HART  
Address: 3501 WEST POLK ROAD  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Hart  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 43.68818  
Longitude: -86.36466

**Relative:**  
Higher

**Actual:**  
707 ft.

**Site**  
OCEANA CO RD COMM HART  
3501 WEST POLK ROAD  
HART, MI 49420

**INVENTORY:**  
Name: OCEANA CO RD COMM HART  
Address: 3501 WEST POLK ROAD  
City/State/Zip: HART, MI 49420  
Bea Number: Not reported  
Township: Hart  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 43.68818  
Longitude: -86.36466

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HART	S105144566	HART HYDRO ELECTRIC PLANT	407 STATE ST. ST WASHINGTON ST.	49420	PART 201, DEL PART 201 CDL
HART	S123825988			49420	

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

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

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

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL site list**

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

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

**NPL LIENS:** Federal Superfund Liens

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

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 10/15/1991	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: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

**Federal Delisted NPL site list**

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

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

**Federal CERCLIS list**

**FEDERAL FACILITY:** Federal Facility Site Information Listing  
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2021	Telephone: 703-603-8704
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 03/30/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Varies

**SEMS:** Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Quarterly

**Federal CERCLIS NFRAP site list**

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**SEMS-ARCHIVE** (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/26/2021
	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: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

**Federal RCRA non-CORRACTS TSD facilities list**

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 312-886-6186
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

**Federal RCRA generators list**

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 312-886-6186
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**RCRA-SQG:** RCRA - Small Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 312-886-6186
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

**RCRA-VSQG:** RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 312-886-6186
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

**Federal institutional controls / engineering controls registries**

**LUCIS:** Land Use Control Information System

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

Date of Government Version: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

**US ENG CONTROLS:** Engineering Controls Sites List

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

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

**US INST CONTROLS:** Institutional Controls Sites List

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: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**Federal ERNS list**

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

Date of Government Version: 03/22/2021 Source: National Response Center, United States Coast Guard  
Date Data Arrived at EDR: 03/24/2021 Telephone: 202-267-2180  
Date Made Active in Reports: 06/17/2021 Last EDR Contact: 06/17/2021  
Number of Days to Update: 85 Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

**State- and tribal - equivalent CERCLIS**

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

Date of Government Version: N/A Source: Department of Environment, Great Lakes, and Energy  
Date Data Arrived at EDR: 10/31/2013 Telephone: 517-284-5103  
Date Made Active in Reports: 11/20/2013 Last EDR Contact: 04/16/2021  
Number of Days to Update: 20 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: No Update Planned

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

**SWFLF:** Solid Waste Facilities Database

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

Date of Government Version: 03/23/2021 Source: Department of Environment, Great Lakes, and Energy  
Date Data Arrived at EDR: 03/24/2021 Telephone: 517-335-4035  
Date Made Active in Reports: 06/15/2021 Last EDR Contact: 06/2/2021  
Number of Days to Update: 83 Next Scheduled EDR Contact: 10/04/2021  
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: 02/09/2021 Source: Department of Environment, Great Lakes, and Energy  
Date Data Arrived at EDR: 02/10/2021 Telephone: 517-373-9837  
Date Made Active in Reports: 05/12/2021 Last EDR Contact: 05/05/2021  
Number of Days to Update: 91 Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Annually

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020 Source: EPA Region 4  
Date Data Arrived at EDR: 12/18/2020 Telephone: 404-562-8677  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/17/2021  
Number of Days to Update: 84 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 10/01/2020 Source: EPA Region 1  
Date Data Arrived at EDR: 12/16/2020 Telephone: 617-918-1313  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
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: 09/30/2020 Source: EPA Region 7  
Date Data Arrived at EDR: 12/22/2020 Telephone: 913-551-7003  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020 Source: EPA Region 6  
Date Data Arrived at EDR: 05/20/2020 Telephone: 214-665-6597  
Date Made Active in Reports: 08/12/2020 Last EDR Contact: 06/11/2021  
Number of Days to Update: 84 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

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

Date of Government Version: 10/09/2020 Source: EPA Region 8  
Date Data Arrived at EDR: 12/16/2020 Telephone: 303-312-6271  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

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

Date of Government Version: 10/01/2020 Source: Environmental Protection Agency  
Date Data Arrived at EDR: 12/16/2020 Telephone: 415-972-3372  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

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

Date of Government Version: 11/12/2020 Source: EPA Region 10  
Date Data Arrived at EDR: 12/16/2020 Telephone: 206-553-2857  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN LUST R5:** Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020 Source: EPA Region 5  
Date Data Arrived at EDR: 12/16/2020 Telephone: 312-886-7439  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**State and tribal registered storage tank lists**

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**FEMA UST:** Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021 Source: FEMA  
Date Data Arrived at EDR: 02/17/2021 Telephone: 202-646-5797  
Date Made Active in Reports: 03/22/2021 Last EDR Contact: 04/05/2021  
Number of Days to Update: 33 Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Varies

**UST 2:** Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 07/12/2020 Source: Department of Licensing & Regulatory Affairs  
Date Data Arrived at EDR: 07/16/2020 Telephone: 517-373-1820  
Date Made Active in Reports: 10/02/2020 Last EDR Contact: 04/09/2021  
Number of Days to Update: 78 Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Varies

**UST:** Underground Storage Tank Facility List

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

Date of Government Version: 07/20/2020 Source: Department of Licensing & Regulatory Affairs  
Date Data Arrived at EDR: 10/09/2020 Telephone: 517-373-1820  
Date Made Active in Reports: 11/19/2020 Last EDR Contact: 05/11/2021  
Number of Days to Update: 41 Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Annually

**AST:** Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 02/08/2021 Source: Department of Licensing & Regulatory Affairs  
Date Data Arrived at EDR: 02/17/2021 Telephone: 517-373-1820  
Date Made Active in Reports: 03/17/2021 Last EDR Contact: 05/18/2021  
Number of Days to Update: 28 Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: No Update Planned

**INDIAN UST R5:** Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/07/2020 Source: EPA Region 5  
Date Data Arrived at EDR: 12/16/2020 Telephone: 312-886-6136  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN UST R10:** Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2020 Source: EPA Region 10  
Date Data Arrived at EDR: 12/16/2020 Telephone: 206-553-2857  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

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

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 10/02/2020 Source: EPA Region 4  
Date Data Arrived at EDR: 12/18/2020 Telephone: 404-562-9424  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/17/2021  
Number of Days to Update: 84 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN UST R8:** Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020 Source: EPA Region 8  
Date Data Arrived at EDR: 12/16/2020 Telephone: 303-312-6137  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
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: 04/08/2020 Source: EPA Region 6  
Date Data Arrived at EDR: 05/20/2020 Telephone: 214-665-7591  
Date Made Active in Reports: 08/12/2020 Last EDR Contact: 06/11/2021  
Number of Days to Update: 84 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**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: 09/30/2020 Source: EPA Region 7  
Date Data Arrived at EDR: 12/22/2020 Telephone: 913-551-7003  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 80 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN UST R9:** Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020 Source: EPA Region 9  
Date Data Arrived at EDR: 12/16/2020 Telephone: 415-972-3368  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**INDIAN UST R1:** Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020 Source: EPA Region 1  
Date Data Arrived at EDR: 12/16/2020 Telephone: 617-918-1313  
Date Made Active in Reports: 03/12/2021 Last EDR Contact: 06/11/2021  
Number of Days to Update: 86 Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**State and tribal institutional control / engineering control registries**

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**AUL: Engineering and Institutional Controls**  
 A listing of sites with institutional and/or engineering controls in place.  
 Date of Government Version: 11/23/2020  
 Date Data Arrived at EDR: 11/24/2020  
 Date Made Active in Reports: 02/10/2021  
 Number of Days to Update: 78  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-373-4828  
 Last EDR Contact: 05/19/2021  
 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Quarterly

**State and tribal voluntary cleanup sites**

**INDIAN VCP R1: Voluntary Cleanup Priority Listing**  
 A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.  
 Date of Government Version: 07/27/2015  
 Date Data Arrived at EDR: 09/29/2015  
 Date Made Active in Reports: 02/18/2016  
 Number of Days to Update: 142  
 Source: EPA, Region 1  
 Telephone: 617-918-1102  
 Last EDR Contact: 06/15/2021  
 Next Scheduled EDR Contact: 10/04/2021  
 Data Release Frequency: Varies

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

**State and tribal Brownfields sites**

**BROWNFIELDS: Brownfields and UST/Field Site Database**  
 All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.  
 Date of Government Version: 01/15/2016  
 Date Data Arrived at EDR: 02/02/2016  
 Date Made Active in Reports: 04/04/2016  
 Number of Days to Update: 62  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-373-4805  
 Last EDR Contact: 04/15/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 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: 01/20/2021  
 Date Data Arrived at EDR: 01/29/2021  
 Date Made Active in Reports: 04/20/2021  
 Number of Days to Update: 81  
 Source: Economic Development Corporation  
 Telephone: 888-522-0103  
 Last EDR Contact: 04/20/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Varies

**ADDITIONAL ENVIRONMENTAL RECORDS**

**Local Brownfield lists**

**US BROWNFIELDS: A Listing of Brownfields Sites**  
 Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 03/15/2021  
 Date Data Arrived at EDR: 03/16/2021  
 Date Made Active in Reports: 06/10/2021  
 Number of Days to Update: 86  
 Source: Environmental Protection Agency  
 Telephone: 202-566-2771  
 Last EDR Contact: 06/10/2021  
 Next Scheduled EDR Contact: 09/27/2021  
 Data Release Frequency: Semi-Annually

**Local Lists of Landfill / Solid Waste Disposal Sites**

**HIST LF: Inactive Solid Waste Facilities**  
 The database contains historical information and is no longer updated.  
 Date of Government Version: 03/01/1997  
 Date Data Arrived at EDR: 02/28/2003  
 Date Made Active in Reports: 03/06/2003  
 Number of Days to Update: 6  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-335-4034  
 Last EDR Contact: 02/28/2003  
 Next Scheduled EDR Contact: N/A  
 Data Release Frequency: No Update Planned

**SWRCY: Recycling Facilities**  
 A listing of recycling center locations.  
 Date of Government Version: 12/28/2020  
 Date Data Arrived at EDR: 12/30/2020  
 Date Made Active in Reports: 03/17/2021  
 Number of Days to Update: 77  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-241-5719  
 Last EDR Contact: 06/03/2021  
 Next Scheduled EDR Contact: 10/04/2021  
 Data Release Frequency: Varies

**INDIAN ODI: Report on the Status of Open Dumps on Indian Lands**  
 Location of open dumps on Indian land.  
 Date of Government Version: 12/31/1998  
 Date Data Arrived at EDR: 12/03/2007  
 Date Made Active in Reports: 01/24/2008  
 Number of Days to Update: 52  
 Source: Environmental Protection Agency  
 Telephone: 703-308-8245  
 Last EDR Contact: 04/22/2021  
 Next Scheduled EDR Contact: 08/09/2021  
 Data Release Frequency: Varies

**ODI: Open Dump Inventory**  
 An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.  
 Date of Government Version: 06/30/1985  
 Date Data Arrived at EDR: 08/09/2004  
 Date Made Active in Reports: 09/17/2004  
 Number of Days to Update: 39  
 Source: Environmental Protection Agency  
 Telephone: 800-424-9346  
 Last EDR Contact: 06/09/2004  
 Next Scheduled EDR Contact: N/A  
 Data Release Frequency: No Update Planned

**DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**  
 A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.  
 Date of Government Version: 01/12/2009  
 Date Data Arrived at EDR: 05/07/2009  
 Date Made Active in Reports: 09/21/2009  
 Number of Days to Update: 137  
 Source: EPA, Region 9  
 Telephone: 415-947-4219  
 Last EDR Contact: 04/14/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: No Update Planned

**IHS OPEN DUMPS: Open Dumps on Indian Land**  
 A listing of all open dumps located on Indian Land in the United States.  
 Date of Government Version: 04/01/2014  
 Date Data Arrived at EDR: 08/06/2014  
 Date Made Active in Reports: 01/29/2015  
 Number of Days to Update: 176  
 Source: Department of Health & Human Services, Indian Health Service  
 Telephone: 301-443-1452  
 Last EDR Contact: 04/23/2021  
 Next Scheduled EDR Contact: 08/09/2021  
 Data Release Frequency: Varies

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**Local Lists of Hazardous waste / Contaminated Sites**

**US HIST CDL: National Clandestine Laboratory Register**  
 A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.  
 Date of Government Version: 12/07/2020  
 Date Data Arrived at EDR: 12/09/2020  
 Date Made Active in Reports: 03/02/2021  
 Number of Days to Update: 83  
 Source: Drug Enforcement Administration  
 Telephone: 202-307-1000  
 Last EDR Contact: 05/22/2021  
 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: No Update Planned

**PART 201: Part 201 Site List**  
 A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.  
 Date of Government Version: 10/01/2013  
 Date Data Arrived at EDR: 10/03/2014  
 Date Made Active in Reports: 10/03/2014  
 Number of Days to Update: 0  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-284-5103  
 Last EDR Contact: 07/22/2019  
 Next Scheduled EDR Contact: 11/04/2019  
 Data Release Frequency: No Update Planned

**INVENTORY: Inventory of Facilities**  
 The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects and Part 213 facilities. There may be more than one BEA for each facility.  
 Date of Government Version: 01/20/2021  
 Date Data Arrived at EDR: 01/20/2021  
 Date Made Active in Reports: 04/14/2021  
 Number of Days to Update: 84  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-284-5136  
 Last EDR Contact: 04/20/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Quarterly

**CDL: Clandestine Drug Lab Listing**  
 A listing of clandestine drug lab locations.  
 Date of Government Version: 01/04/2021  
 Date Data Arrived at EDR: 03/02/2021  
 Date Made Active in Reports: 05/20/2021  
 Number of Days to Update: 79  
 Source: Department of Community Health  
 Telephone: 517-373-3740  
 Last EDR Contact: 04/15/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: No Update Planned

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**DEL PART 201: Delisted List of Contaminated Sites**  
 A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criteria. A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.  
 Date of Government Version: 08/01/2013  
 Date Data Arrived at EDR: 08/01/2013  
 Date Made Active in Reports: 09/11/2013  
 Number of Days to Update: 41  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-373-9541  
 Last EDR Contact: 07/22/2019  
 Next Scheduled EDR Contact: 11/04/2019  
 Data Release Frequency: Varies

**US CDL: Clandestine Drug Labs**  
 A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.  
 Date of Government Version: 12/07/2020  
 Date Data Arrived at EDR: 12/09/2020  
 Date Made Active in Reports: 03/02/2021  
 Number of Days to Update: 83  
 Source: Drug Enforcement Administration  
 Telephone: 202-307-1000  
 Last EDR Contact: 05/18/2021  
 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Quarterly

**PFAS: PFAS Contaminated Sites Listing**  
 PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.  
 Date of Government Version: 02/03/2021  
 Date Data Arrived at EDR: 02/10/2021  
 Date Made Active in Reports: 05/04/2021  
 Number of Days to Update: 83  
 Source: Department of Environment, Great Lakes & Energy  
 Telephone: 517-284-9278  
 Last EDR Contact: 05/11/2021  
 Next Scheduled EDR Contact: 08/23/2021  
 Data Release Frequency: Varies

**Local Land Records**

**LIENS: Lien List**  
 An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC § 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition  
 Date of Government Version: 10/11/2019  
 Date Data Arrived at EDR: 10/17/2019  
 Date Made Active in Reports: 12/11/2019  
 Number of Days to Update: 55  
 Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-241-7603  
 Last EDR Contact: 04/15/2021  
 Next Scheduled EDR Contact: 07/26/2021  
 Data Release Frequency: Varies

**LIENS 2: CERCLA Lien Information**  
 A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 04/27/2021  
 Date Data Arrived at EDR: 05/03/2021  
 Date Made Active in Reports: 05/19/2021  
 Number of Days to Update: 16

Source: Environmental Protection Agency  
 Telephone: 202-564-6023  
 Last EDR Contact: 06/04/2021  
 Next Scheduled EDR Contact: 07/12/2021  
 Data Release Frequency: Semi-Annually

**Records of Emergency Release Reports**

**HMIRS:** Hazardous Materials Information Reporting System  
 Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021  
 Date Data Arrived at EDR: 03/24/2021  
 Date Made Active in Reports: 06/17/2021  
 Number of Days to Update: 85

Source: U.S. Department of Transportation  
 Telephone: 202-366-4555  
 Last EDR Contact: 06/17/2021  
 Next Scheduled EDR Contact: 10/04/2021  
 Data Release Frequency: Quarterly

**PEAS:** Pollution Emergency Alerting System

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

Date of Government Version: 03/31/2020  
 Date Data Arrived at EDR: 04/28/2020  
 Date Made Active in Reports: 07/16/2020  
 Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy  
 Telephone: 517-373-8427  
 Last EDR Contact: 04/20/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Quarterly

**Other Ascertainable Records**

**RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated**

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

Date of Government Version: 03/22/2021  
 Date Data Arrived at EDR: 03/23/2021  
 Date Made Active in Reports: 05/19/2021  
 Number of Days to Update: 57

Source: Environmental Protection Agency  
 Telephone: 312-886-6186  
 Last EDR Contact: 06/21/2021  
 Next Scheduled EDR Contact: 08/30/2021  
 Data Release Frequency: Quarterly

**FUDS:** Formerly Used Defense Sites

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

Date of Government Version: 02/11/2021  
 Date Data Arrived at EDR: 02/17/2021  
 Date Made Active in Reports: 04/05/2021  
 Number of Days to Update: 47

Source: U.S. Army Corps of Engineers  
 Telephone: 202-528-4285  
 Last EDR Contact: 05/18/2021  
 Next Scheduled EDR Contact: 08/30/2021  
 Data Release Frequency: Varies

**DDO:** Department of Defense Sites

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

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

Source: USGS  
 Telephone: 888-275-8747  
 Last EDR Contact: 04/16/2021  
 Next Scheduled EDR Contact: 07/26/2021  
 Data Release Frequency: Semi-Annually

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**FEDLAND:** Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered 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: 04/02/2018  
 Date Data Arrived at EDR: 04/11/2018  
 Date Made Active in Reports: 11/06/2019  
 Number of Days to Update: 574

Source: U.S. Geological Survey  
 Telephone: 888-275-8747  
 Last EDR Contact: 04/05/2021  
 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: N/A

**SCRD DRYCLEANERS:** State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017  
 Date Data Arrived at EDR: 02/03/2017  
 Date Made Active in Reports: 04/07/2017  
 Number of Days to Update: 63

Source: Environmental Protection Agency  
 Telephone: 615-532-8599  
 Last EDR Contact: 05/18/2021  
 Next Scheduled EDR Contact: 08/23/2021  
 Data Release Frequency: Varies

**US FIN ASSUR:** Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021  
 Date Data Arrived at EDR: 03/23/2021  
 Date Made Active in Reports: 06/11/2021  
 Number of Days to Update: 86

Source: Environmental Protection Agency  
 Telephone: 202-566-1917  
 Last EDR Contact: 06/21/2021  
 Next Scheduled EDR Contact: 10/04/2021  
 Data Release Frequency: Quarterly

**EPA WATCH LIST:** EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
 Date Data Arrived at EDR: 03/21/2014  
 Date Made Active in Reports: 06/17/2014  
 Number of Days to Update: 88

Source: Environmental Protection Agency  
 Telephone: 617-520-3000  
 Last EDR Contact: 03/20/2021  
 Next Scheduled EDR Contact: 08/16/2021  
 Data Release Frequency: Quarterly

**2020 COR ACTION:** 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
 Date Data Arrived at EDR: 05/08/2018  
 Date Made Active in Reports: 07/20/2018  
 Number of Days to Update: 73

Source: Environmental Protection Agency  
 Telephone: 703-308-4044  
 Last EDR Contact: 05/07/2021  
 Next Scheduled EDR Contact: 08/16/2021  
 Data Release Frequency: Varies

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**TSCA:** Toxic Substances Control Act

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

Date of Government Version: 12/31/2016  
 Date Data Arrived at EDR: 06/17/2020  
 Date Made Active in Reports: 09/10/2020  
 Number of Days to Update: 85

Source: EPA  
 Telephone: 202-260-5521  
 Last EDR Contact: 06/17/2021  
 Next Scheduled EDR Contact: 09/27/2021  
 Data Release Frequency: Every 4 Years

**TRIS:** Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018  
 Date Data Arrived at EDR: 08/14/2020  
 Date Made Active in Reports: 01/04/2020  
 Number of Days to Update: 82

Source: EPA  
 Telephone: 202-566-0250  
 Last EDR Contact: 05/17/2021  
 Next Scheduled EDR Contact: 08/30/2021  
 Data Release Frequency: Annually

**SSTS:** Section 7 Tracking Systems

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

Date of Government Version: 01/20/2021  
 Date Data Arrived at EDR: 01/21/2021  
 Date Made Active in Reports: 03/22/2021  
 Number of Days to Update: 60

Source: EPA  
 Telephone: 202-564-4203  
 Last EDR Contact: 04/20/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Annually

**ROD:** Records Of Decision

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

Date of Government Version: 04/27/2021  
 Date Data Arrived at EDR: 05/03/2021  
 Date Made Active in Reports: 05/19/2021  
 Number of Days to Update: 16

Source: EPA  
 Telephone: 703-416-0223  
 Last EDR Contact: 06/04/2021  
 Next Scheduled EDR Contact: 09/13/2021  
 Data Release Frequency: Annually

**RMP:** Risk Management Plans

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n) Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021  
 Date Data Arrived at EDR: 02/18/2021  
 Date Made Active in Reports: 05/11/2021  
 Number of Days to Update: 82

Source: Environmental Protection Agency  
 Telephone: 202-564-8600  
 Last EDR Contact: 04/19/2021  
 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Varies

**RAATS:** RCRA Administrative Action Tracking System

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

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

Source: EPA  
 Telephone: 202-564-4104  
 Last EDR Contact: 06/02/2008  
 Next Scheduled EDR Contact: 09/01/2008  
 Data Release Frequency: No Update Planned

**PRP:** Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020  
 Date Data Arrived at EDR: 01/14/2021  
 Date Made Active in Reports: 03/05/2021  
 Number of Days to Update: 50

Source: EPA  
 Telephone: 202-564-6023  
 Last EDR Contact: 06/04/2021  
 Next Scheduled EDR Contact: 08/16/2021  
 Data Release Frequency: Quarterly

**PADS:** PCB Activity Database System

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

Date of Government Version: 11/19/2020  
 Date Data Arrived at EDR: 01/08/2021  
 Date Made Active in Reports: 03/22/2021  
 Number of Days to Update: 73

Source: EPA  
 Telephone: 202-566-0500  
 Last EDR Contact: 04/09/2021  
 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Annually

**ICIS:** Integrated Compliance Information System

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

Date of Government Version: 11/18/2016  
 Date Data Arrived at EDR: 11/23/2016  
 Date Made Active in Reports: 02/10/2017  
 Number of Days to Update: 79

Source: Environmental Protection Agency  
 Telephone: 202-564-2501  
 Last EDR Contact: 03/31/2021  
 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Quarterly

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**FTTS:** FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
 FTTS tracks administrative cases and pesticide enforcement and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.  
 Date of Government Version: 04/09/2009 Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
 Date Data Arrived at EDR: 04/16/2009 Telephone: 202-566-1667  
 Date Made Active in Reports: 05/11/2009 Last EDR Contact: 08/18/2017  
 Number of Days to Update: 25 Next Scheduled EDR Contact: 12/04/2017  
 Data Release Frequency: No Update Planned

**FTTS INSP:** FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
 A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.  
 Date of Government Version: 04/09/2009 Source: EPA  
 Date Data Arrived at EDR: 04/16/2009 Telephone: 202-566-1667  
 Date Made Active in Reports: 05/11/2009 Last EDR Contact: 08/18/2017  
 Number of Days to Update: 25 Next Scheduled EDR Contact: 12/04/2017  
 Data Release Frequency: No Update Planned

**MLTS:** Material Licensing Tracking System  
 MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.  
 Date of Government Version: 03/08/2021 Source: Nuclear Regulatory Commission  
 Date Data Arrived at EDR: 03/11/2021 Telephone: 301-415-7169  
 Date Made Active in Reports: 05/11/2021 Last EDR Contact: 04/16/2021  
 Number of Days to Update: 61 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Quarterly

**COAL ASH DOE:** Steam-Electric Plant Operation Data  
 A listing of power plants that store ash in surface ponds.  
 Date of Government Version: 12/31/2019 Source: Department of Energy  
 Date Data Arrived at EDR: 12/01/2020 Telephone: 202-586-8719  
 Date Made Active in Reports: 02/09/2021 Last EDR Contact: 05/27/2021  
 Number of Days to Update: 70 Next Scheduled EDR Contact: 09/13/2021  
 Data Release Frequency: Varies

**COAL ASH EPA:** Coal Combustion Residues Surface Impoundments List  
 A listing of coal combustion residues surface impoundments with high hazard potential ratings.  
 Date of Government Version: 01/12/2017 Source: Environmental Protection Agency  
 Date Data Arrived at EDR: 03/05/2019 Telephone: N/A  
 Date Made Active in Reports: 11/11/2019 Last EDR Contact: 05/27/2021  
 Number of Days to Update: 251 Next Scheduled EDR Contact: 09/13/2021  
 Data Release Frequency: Varies

**PCB TRANSFORMER:** PCB Transformer Registration Database  
 The database of PCB transformer registrations that includes all PCB registration submittals.  
 Date of Government Version: 09/13/2019 Source: Environmental Protection Agency  
 Date Data Arrived at EDR: 11/06/2019 Telephone: 202-566-0517  
 Date Made Active in Reports: 02/10/2020 Last EDR Contact: 05/07/2021  
 Number of Days to Update: 96 Next Scheduled EDR Contact: 08/16/2021  
 Data Release Frequency: Varies

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

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 07/01/2019 Source: Environmental Protection Agency  
 Date Data Arrived at EDR: 07/01/2019 Telephone: 202-343-9776  
 Date Made Active in Reports: 09/23/2019 Last EDR Contact: 06/22/2021  
 Number of Days to Update: 84 Next Scheduled EDR Contact: 10/11/2021  
 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: 12/17/2007  
 Number of Days to Update: 40 Next Scheduled EDR Contact: 03/17/2008  
 Data Release Frequency: No Update Planned

**DOT OPS:** Incident and Accident Data  
 Department of Transportation, Office of Pipeline Safety Incident and Accident data.  
 Date of Government Version: 01/02/2020 Source: Department of Transportation, Office of Pipeline Safety  
 Date Data Arrived at EDR: 01/28/2020 Telephone: 202-366-4595  
 Date Made Active in Reports: 04/17/2020 Last EDR Contact: 04/27/2021  
 Number of Days to Update: 80 Next Scheduled EDR Contact: 08/09/2021  
 Data Release Frequency: Quarterly

**CONSENT:** Superfund (CERCLA) Consent Decrees  
 Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.  
 Date of Government Version: 12/31/2020 Source: Department of Justice, Consent Decree Library  
 Date Data Arrived at EDR: 01/13/2021 Telephone: Varies  
 Date Made Active in Reports: 03/22/2021 Last EDR Contact: 04/05/2021  
 Number of Days to Update: 68 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Varies

**BRS:** Biennial Reporting System  
 The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.  
 Date of Government Version: 12/31/2017 Source: EPANITS  
 Date Data Arrived at EDR: 06/22/2020 Telephone: 800-424-9346  
 Date Made Active in Reports: 11/20/2020 Last EDR Contact: 06/21/2021  
 Number of Days to Update: 151 Next Scheduled EDR Contact: 10/04/2021  
 Data Release Frequency: Biennially

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**INDIAN RESERV:** Indian Reservations  
 This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.  
 Date of Government Version: 12/31/2014 Source: USGS  
 Date Data Arrived at EDR: 07/14/2015 Telephone: 202-208-3710  
 Date Made Active in Reports: 01/10/2017 Last EDR Contact: 04/09/2021  
 Number of Days to Update: 546 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Semi-Annually

**FUSRAP:** Formerly Utilized Sites Remedial Action Program  
 DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.  
 Date of Government Version: 08/08/2017 Source: Department of Energy  
 Date Data Arrived at EDR: 09/11/2018 Telephone: 202-586-3559  
 Date Made Active in Reports: 09/14/2018 Last EDR Contact: 04/28/2021  
 Number of Days to Update: 3 Next Scheduled EDR Contact: 08/16/2021  
 Data Release Frequency: Varies

**UMTRA:** Uranium Mill Tailings Sites  
 Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.  
 Date of Government Version: 08/30/2019 Source: Department of Energy  
 Date Data Arrived at EDR: 11/15/2019 Telephone: 505-845-0011  
 Date Made Active in Reports: 01/28/2020 Last EDR Contact: 05/21/2021  
 Number of Days to Update: 74 Next Scheduled EDR Contact: 08/30/2021  
 Data Release Frequency: Varies

**LEAD SMELTER 1:** Lead Smelter Sites  
 A listing of former lead smelter site locations.  
 Date of Government Version: 04/27/2021 Source: Environmental Protection Agency  
 Date Data Arrived at EDR: 05/03/2021 Telephone: 703-603-8787  
 Date Made Active in Reports: 05/19/2021 Last EDR Contact: 06/04/2021  
 Number of Days to Update: 16 Next Scheduled EDR Contact: 07/12/2021  
 Data Release Frequency: Varies

**LEAD SMELTER 2:** Lead Smelter Sites  
 A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust  
 Date of Government Version: 04/05/2001 Source: American Journal of Public Health  
 Date Data Arrived at EDR: 10/27/2010 Telephone: 703-305-6451  
 Date Made Active in Reports: 12/02/2010 Last EDR Contact: 12/02/2009  
 Number of Days to Update: 36 Next Scheduled EDR Contact: N/A  
 Data Release Frequency: No Update Planned

**US AIRS (AFS):** Aerometric Information Retrieval System Facility Subsystem (AFS)  
 The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 10/12/2016 Source: EPA  
 Date Data Arrived at EDR: 10/26/2016 Telephone: 202-564-2496  
 Date Made Active in Reports: 02/03/2017 Last EDR Contact: 09/26/2017  
 Number of Days to Update: 100 Next Scheduled EDR Contact: 01/08/2018  
 Data Release Frequency: Annually

**US AIRS MINOR:** Air Facility System Data  
 A listing of minor source facilities.  
 Date of Government Version: 10/12/2016 Source: EPA  
 Date Data Arrived at EDR: 10/26/2016 Telephone: 202-564-2496  
 Date Made Active in Reports: 02/03/2017 Last EDR Contact: 09/26/2017  
 Number of Days to Update: 100 Next Scheduled EDR Contact: 01/08/2018  
 Data Release Frequency: Annually

**MINES VIOLATIONS:** MSHA Violation Assessment Data  
 Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.  
 Date of Government Version: 05/27/2021 Source: DOL, Mine Safety & Health Admin  
 Date Data Arrived at EDR: 05/27/2021 Telephone: 202-693-9424  
 Date Made Active in Reports: 06/10/2021 Last EDR Contact: 05/26/2021  
 Number of Days to Update: 14 Next Scheduled EDR Contact: 09/13/2021  
 Data Release Frequency: Quarterly

**US MINES:** Mines Master Index File  
 Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.  
 Date of Government Version: 02/01/2021 Source: Department of Labor, Mine Safety and Health Administration  
 Date Data Arrived at EDR: 02/24/2021 Telephone: 303-231-5959  
 Date Made Active in Reports: 05/19/2021 Last EDR Contact: 05/25/2021  
 Number of Days to Update: 84 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Semi-Annually

**US MINES 2:** Ferrous and Nonferrous Metal Mines Database Listing  
 This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.  
 Date of Government Version: 05/06/2020 Source: USGS  
 Date Data Arrived at EDR: 05/27/2020 Telephone: 703-648-7709  
 Date Made Active in Reports: 06/13/2020 Last EDR Contact: 05/27/2021  
 Number of Days to Update: 78 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Varies

**US MINES 3:** Active Mines & Mineral Plants Database Listing  
 Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.  
 Date of Government Version: 04/14/2011 Source: USGS  
 Date Data Arrived at EDR: 06/08/2011 Telephone: 703-648-7709  
 Date Made Active in Reports: 09/13/2011 Last EDR Contact: 05/27/2021  
 Number of Days to Update: 97 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Varies

**ABANDONED MINES:** Abandoned Mines  
 An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 03/23/2021 Source: Department of Interior  
 Date Data Arrived at EDR: 03/25/2021 Telephone: 202-208-2809  
 Date Made Active in Reports: 06/17/2021 Last EDR Contact: 06/14/2021  
 Number of Days to Update: 84 Next Scheduled EDR Contact: 09/20/2021  
 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: 02/03/2021 Source: EPA  
 Date Data Arrived at EDR: 03/03/2021 Telephone: (312) 353-2000  
 Date Made Active in Reports: 04/05/2021 Last EDR Contact: 05/18/2021  
 Number of Days to Update: 33 Next Scheduled EDR Contact: 09/13/2021  
 Data Release Frequency: Quarterly

**ECHO:** Enforcement & Compliance History Information  
 ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021 Source: Environmental Protection Agency  
 Date Data Arrived at EDR: 01/08/2021 Telephone: 202-564-2280  
 Date Made Active in Reports: 03/22/2021 Last EDR Contact: 04/06/2021  
 Number of Days to Update: 73 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Quarterly

**UXO:** Unexploded Ordnance Sites  
 A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018 Source: Department of Defense  
 Date Data Arrived at EDR: 07/02/2020 Telephone: 703-704-1564  
 Date Made Active in Reports: 09/17/2020 Last EDR Contact: 04/13/2021  
 Number of Days to Update: 77 Next Scheduled EDR Contact: 07/26/2021  
 Data Release Frequency: Varies

**DOCKET HWC:** Hazardous Waste Compliance Docket Listing  
 A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020 Source: Environmental Protection Agency  
 Date Data Arrived at EDR: 11/17/2020 Telephone: 202-564-0527  
 Date Made Active in Reports: 02/09/2021 Last EDR Contact: 05/21/2021  
 Number of Days to Update: 84 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Varies

**FUELS PROGRAM:** EPA Fuels Program Registered Listing  
 This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021 Source: EPA  
 Date Data Arrived at EDR: 02/17/2021 Telephone: 800-385-6164  
 Date Made Active in Reports: 03/22/2021 Last EDR Contact: 05/14/2021  
 Number of Days to Update: 33 Next Scheduled EDR Contact: 08/30/2021  
 Data Release Frequency: Quarterly

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

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

Date of Government Version: 03/17/2021 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 03/18/2021 Telephone: 517-373-7074  
 Date Made Active in Reports: 06/08/2021 Last EDR Contact: 06/09/2021  
 Number of Days to Update: 82 Next Scheduled EDR Contact: 09/27/2021  
 Data Release Frequency: Annually

**ASBESTOS:** Asbestos Notification Listing  
 Asbestos

Date of Government Version: 01/31/2021 Source: Department of Licensing & Regulatory Affairs  
 Date Data Arrived at EDR: 02/09/2021 Telephone: 517-284-7699  
 Date Made Active in Reports: 02/18/2021 Last EDR Contact: 06/01/2021  
 Number of Days to Update: 9 Next Scheduled EDR Contact: 08/09/2021  
 Data Release Frequency: Quarterly

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

Date of Government Version: 08/21/2013 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 08/23/2013 Telephone: 517-373-9541  
 Date Made Active in Reports: 09/12/2013 Last EDR Contact: 05/05/2021  
 Number of Days to Update: 20 Next Scheduled EDR Contact: 08/23/2021  
 Data Release Frequency: No Update Planned

**COAL ASH:** Coal Ash Disposal Sites  
 Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 10/08/2020 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 10/14/2020 Telephone: 586-753-3754  
 Date Made Active in Reports: 01/05/2021 Last EDR Contact: 06/22/2021  
 Number of Days to Update: 83 Next Scheduled EDR Contact: 10/11/2021  
 Data Release Frequency: Varies

**DRYCLEANERS:** Drycleaning Establishments  
 A listing of drycleaning facilities in Michigan.

Date of Government Version: 01/07/2021 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 01/13/2021 Telephone: 517-335-4586  
 Date Made Active in Reports: 04/01/2021 Last EDR Contact: 04/16/2021  
 Number of Days to Update: 78 Next Scheduled EDR Contact: 07/26/2021  
 Data Release Frequency: Quarterly

**Financial Assurance 1:** Financial Assurance Information Listing  
 Financial assurance information.

Date of Government Version: 10/02/2020 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 10/07/2020 Telephone: 517-335-6610  
 Date Made Active in Reports: 12/29/2020 Last EDR Contact: 06/22/2021  
 Number of Days to Update: 83 Next Scheduled EDR Contact: 10/11/2021  
 Data Release Frequency: Semi-Annually

**FINANCIAL ASSURANCE 3:** Financial Assurance Information Listing  
 Financial assurance information for underground storage tank facilities.

Date of Government Version: 12/20/2020 Source: Department of Licensing & Regulatory Affairs  
 Date Data Arrived at EDR: 01/05/2021 Telephone: 517-335-7279  
 Date Made Active in Reports: 03/26/2021 Last EDR Contact: 06/22/2021  
 Number of Days to Update: 80 Next Scheduled EDR Contact: 10/11/2021  
 Data Release Frequency: Varies

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**Financial Assurance 2:** Financial Assurance Information Listing  
 A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/17/2021 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 06/17/2021 Telephone: 517-335-4034  
 Date Made Active in Reports: 06/22/2021 Last EDR Contact: 06/15/2021  
 Number of Days to Update: 5 Next Scheduled EDR Contact: 10/04/2021  
 Data Release Frequency: Varies

**LEAD CERT:** Lead Safe Housing Registry  
 A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020 Source: Department of Community Health  
 Date Data Arrived at EDR: 03/25/2020 Telephone: 517-335-9699  
 Date Made Active in Reports: 06/15/2020 Last EDR Contact: 05/25/2021  
 Number of Days to Update: 82 Next Scheduled EDR Contact: 09/13/2021  
 Data Release Frequency: Quarterly

**NPDES:** List of Active NPDES Permits  
 General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 10/22/2020 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 12/23/2020 Telephone: 517-241-1300  
 Date Made Active in Reports: 03/16/2021 Last EDR Contact: 04/01/2021  
 Number of Days to Update: 83 Next Scheduled EDR Contact: 07/12/2021  
 Data Release Frequency: Varies

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

Date of Government Version: 01/05/2021 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 01/08/2021 Telephone: 517-241-1515  
 Date Made Active in Reports: 04/19/2021 Last EDR Contact: 04/29/2021  
 Number of Days to Update: 101 Next Scheduled EDR Contact: 08/02/2021  
 Data Release Frequency: Quarterly

**WDS:** Waste Data System  
 The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 03/30/2021 Source: Department of Environment, Great Lakes, and Energy  
 Date Data Arrived at EDR: 03/31/2021 Telephone: 517-284-6562  
 Date Made Active in Reports: 06/22/2021 Last EDR Contact: 05/12/2021  
 Number of Days to Update: 83 Next Scheduled EDR Contact: 08/30/2021  
 Data Release Frequency: Varies

**PCS ENF:** Enforcement data  
 No description is available for this data

Date of Government Version: 12/31/2014 Source: EPA  
 Date Data Arrived at EDR: 02/05/2015 Telephone: 202-564-2497  
 Date Made Active in Reports: 03/06/2015 Last EDR Contact: 03/31/2021  
 Number of Days to Update: 29 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Varies

**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

**MINES MRDS:** Mineral Resources Data System  
 Mineral Resources Data System

Date of Government Version: 04/06/2018 Source: USGS  
 Date Data Arrived at EDR: 10/21/2019 Telephone: 703-648-6533  
 Date Made Active in Reports: 10/24/2019 Last EDR Contact: 05/27/2021  
 Number of Days to Update: 3 Next Scheduled EDR Contact: 09/06/2021  
 Data Release Frequency: Varies

**PCS:** Permit Compliance System  
 PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011 Source: EPA Office of Water  
 Date Data Arrived at EDR: 08/05/2011 Telephone: 202-564-2496  
 Date Made Active in Reports: 09/29/2011 Last EDR Contact: 03/31/2021  
 Number of Days to Update: 55 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Semi-Annually

**PCS INACTIVE:** Listing of Inactive PCS Permits  
 An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Source: EPA  
 Date Data Arrived at EDR: 01/06/2015 Telephone: 202-564-2496  
 Date Made Active in Reports: 05/06/2015 Last EDR Contact: 03/31/2021  
 Number of Days to Update: 120 Next Scheduled EDR Contact: 07/19/2021  
 Data Release Frequency: Semi-Annually

**EDR HIGH RISK HISTORICAL RECORDS**  
**EDR Exclusive Records**

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

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

**EDR Hist Auto:** EDR Exclusive Historical Auto Stations  
 EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc.  
 Date Data Arrived at EDR: N/A Telephone: N/A  
 Date Made Active in Reports: N/A Last EDR Contact: N/A  
 Number of Days to Update: N/A Next Scheduled EDR Contact: N/A  
 Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### EDR RECOVERED GOVERNMENT ARCHIVES

#### Exclusive Recovered Govt. Archives

#### RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### 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.

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## 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: 10/05/2020	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/17/2021	Telephone: 860-424-3375
Date Made Active in Reports: 05/10/2021	Last EDR Contact: 05/11/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 04/09/2021
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/29/2020	Telephone: 518-402-8651
Date Made Active in Reports: 07/10/2020	Last EDR Contact: 04/30/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/09/2021
	Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-9590
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 04/09/2021
Number of Days to Update: 53	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/11/2021	Telephone: 401-222-2797
Date Made Active in Reports: 02/24/2021	Last EDR Contact: 05/13/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 06/03/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

### Electric Power Transmission Line Data

Source: Endeavor Business Media

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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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA  
Telephone: 877-336-2627  
Date of Government Version: 2003, 2015

**NWI: National Wetlands Inventory.** This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

#### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources  
Telephone: 517-241-2254

#### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### STREET AND ADDRESS INFORMATION

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**GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

**TARGET PROPERTY ADDRESS**

3 EAST MAIN - HART  
3 EAST MAIN STREET  
HART, MI 49420

**TARGET PROPERTY COORDINATES**

Latitude (North): 43.702845 - 43° 42' 10.24"  
Longitude (West): 86.36521 - 86° 21' 54.76"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 551148.6  
UTM Y (Meters): 4838849.5  
Elevation: 655 ft. above sea level

**USGS TOPOGRAPHIC MAP**

Target Property Map: 6066034 HART, MI  
Version Date: 2014  
West Map: 6066036 MEARS, MI  
Version Date: 2014

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

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

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

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

**GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

**GROUNDWATER FLOW DIRECTION INFORMATION**

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

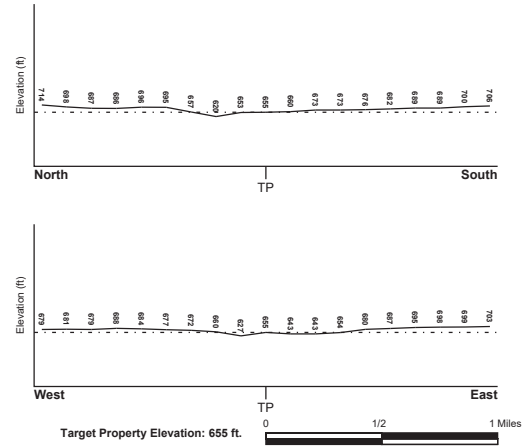
**TOPOGRAPHIC INFORMATION**

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

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General NNE

**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**

Flood Plain Panel at Target Property	FEMA Source Type
26127C0175C	FEMA FIRM Flood data
Additional Panels in search area:	FEMA Source Type
26127C0150C	FEMA FIRM Flood data

**NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property	NWI Electronic Data Coverage
HART	YES - refer to the Overview Map and Detail Map

**HYDROGEOLOGIC INFORMATION**

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

**Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Status:	Not found

**AQUIFLOW®**

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

**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.

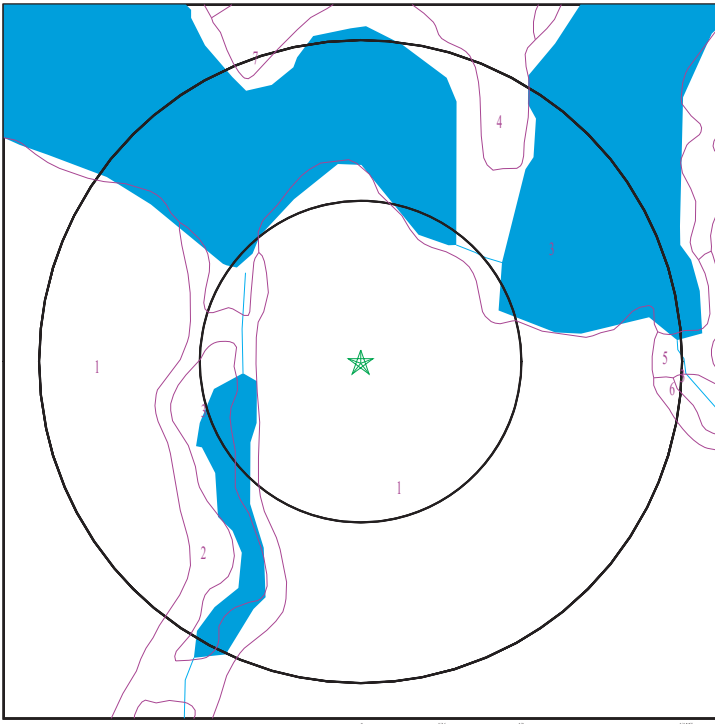
**ROCK STRATIGRAPHIC UNIT**

**GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Stratified Sequence
System:	Mississippian		
Series:	Osagean and Kinderhookian Series		
Code:	M1 (decoded above as Era, System & Series)		

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 - 6550291.2s



★ Target Property  
 / SSURGO Soil  
 / Water

SITE NAME: 3 East Main - Hart  
 ADDRESS: 3 East Main Street  
 Hart MI 49420  
 LAT/LONG: 43.702845 / 86.36521

CLIENT: Westshore Engineering & Surv.  
 CONTACT: Adam Mulling  
 INQUIRY #: 6550291.2s  
 DATE: June 24, 2021 7:42 am

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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: Benona  
 Soil Surface Texture: sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Excessively drained  
 Hydric Status: Partially hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 0 inches

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	7 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
2	7 inches	46 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
3	46 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Grattan  
 Soil Surface Texture: sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Excessively drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 0 inches

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	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	3 inches	31 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Water  
 Soil Surface Texture: sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Well drained  
 Hydric Status: Unknown  
 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: 4

Soil Component Name: Spinks  
 Soil Surface Texture: loamy fine sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Well drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 0 inches

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	9 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6



**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		
2	9 inches	24 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	24 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

**Soil Map ID: 5**

Soil Component Name: Grattan  
 Soil Surface Texture: sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Excessively drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 0 inches

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	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

**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		
2	3 inches	31 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

**Soil Map ID: 6**

Soil Component Name: Perrinton  
 Soil Surface Texture: loam  
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
 Soil Drainage Class: Well drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: High  
 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	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	9 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	18 inches	35 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
4	35 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

**Soil Map ID: 7**

Soil Component Name: Spinks  
 Soil Surface Texture: loamy fine sand  
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.  
 Soil Drainage Class: Well drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 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	9 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	9 inches	24 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	24 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

**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**

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

**FEDERAL USGS WELL INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP

**GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

**FEDERAL USGS WELL INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP
6	M10003060	1/4 - 1/2 Mile South

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

**STATE DATABASE WELL INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP
1	M14000000584763	0 - 1/8 Mile East
A2	M14000000584711	1/4 - 1/2 Mile NNE
3	M14000000584710	1/4 - 1/2 Mile North
A4	M14000000584713	1/4 - 1/2 Mile NNE
B5	M14000000584716	1/4 - 1/2 Mile NNW
B7	M14000000584715	1/4 - 1/2 Mile NNW
C8	M14000000590071	1/4 - 1/2 Mile NNE
C9	M14000000584707	1/4 - 1/2 Mile NNE
D10	M14000000589313	1/4 - 1/2 Mile NNE
D11	M14000000587826	1/4 - 1/2 Mile NNE
D12	M14000000584702	1/4 - 1/2 Mile NNE
C13	M14000000590222	1/4 - 1/2 Mile NNE
E14	M14000000584704	1/2 - 1 Mile NE
F15	M14000000589853	1/2 - 1 Mile NNW
F16	M14000000586891	1/2 - 1 Mile NNW
G17	M14000000589029	1/2 - 1 Mile NNE
G18	M14000000587629	1/2 - 1 Mile NNE
19	M14000000591043	1/2 - 1 Mile North
E20	M14000000589899	1/2 - 1 Mile NE
E21	M14000000587417	1/2 - 1 Mile NNE
H22	M14000000584712	1/2 - 1 Mile NNE
H23	M14000000590527	1/2 - 1 Mile NNE
H24	M14000000587352	1/2 - 1 Mile NNE
H25	M14000000584714	1/2 - 1 Mile NNE
H26	M14000000587351	1/2 - 1 Mile NNE
I27	M14000000589836	1/2 - 1 Mile NNE
H28	M14000000587874	1/2 - 1 Mile NNE
J29	M14000000584756	1/2 - 1 Mile SW
K30	M14000000587602	1/2 - 1 Mile NE
31	M14000000588207	1/2 - 1 Mile NNW
J32	M14000000584767	1/2 - 1 Mile SW
I33	M14000000584709	1/2 - 1 Mile NNE
34	M14000000589423	1/2 - 1 Mile North
35	M14000000584701	1/2 - 1 Mile NNE
J36	M14000000584757	1/2 - 1 Mile SW
L37	M14000000588226	1/2 - 1 Mile WNW

**GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

**STATE DATABASE WELL INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP
J38	M14000000587964	1/2 - 1 Mile SW
M39	M14000000589515	1/2 - 1 Mile WSW
40	M14000000584774	1/2 - 1 Mile WSW
J41	M14000000584754	1/2 - 1 Mile SW
N42	M14000000584766	1/2 - 1 Mile SW
43	M14000000584699	1/2 - 1 Mile West
M44	M14000000587156	1/2 - 1 Mile WSW
45	M14000000590041	1/2 - 1 Mile ENE
K46	M14000000584721	1/2 - 1 Mile NE
O47	M14000000589185	1/2 - 1 Mile NNW
48	M14000000589825	1/2 - 1 Mile NE
N49	M14000000584751	1/2 - 1 Mile SW
P50	M14000000590249	1/2 - 1 Mile SW
N51	M14000000584752	1/2 - 1 Mile SW
L52	M14000000589801	1/2 - 1 Mile WNW
P53	M14000000584755	1/2 - 1 Mile SW
Q54	M14000000588448	1/2 - 1 Mile WSW
P55	M14000000584753	1/2 - 1 Mile SW
N56	M14000000584771	1/2 - 1 Mile SW
P57	M14000000584762	1/2 - 1 Mile SW
O58	M14000000586890	1/2 - 1 Mile NNW
59	M14000000588992	1/2 - 1 Mile NNW
P60	M14000000584764	1/2 - 1 Mile SW
Q61	M14000000588178	1/2 - 1 Mile WSW
R62	M14000000584765	1/2 - 1 Mile SW
P63	M14000000584759	1/2 - 1 Mile SW
P64	M14000000584761	1/2 - 1 Mile SW
R65	M14000000589796	1/2 - 1 Mile SW
R66	M14000000584758	1/2 - 1 Mile SW
R67	M14000000584770	1/2 - 1 Mile SW
R68	M14000000586896	1/2 - 1 Mile SW
S69	M14000000584705	1/2 - 1 Mile NNE
70	M14000000584760	1/2 - 1 Mile SW
71	M14000000589952	1/2 - 1 Mile NNW
R72	M14000000584768	1/2 - 1 Mile SW
R73	M14000000589270	1/2 - 1 Mile SW
74	M14000000588016	1/2 - 1 Mile West
S75	M14000000584706	1/2 - 1 Mile NNE
T76	M14000000584769	1/2 - 1 Mile SW
T77	M14000000589054	1/2 - 1 Mile SW
U78	M14000000590018	1/2 - 1 Mile NNW
V79	M14000000584722	1/2 - 1 Mile ENE
U80	M14000000588722	1/2 - 1 Mile NNW
81	M14000000589028	1/2 - 1 Mile SW
W82	M14000000584718	1/2 - 1 Mile East
83	M14000000591016	1/2 - 1 Mile ENE
V84	M14000000587443	1/2 - 1 Mile NE
85	M14000000588957	1/2 - 1 Mile WSW
86	M14000000584778	1/2 - 1 Mile SW
W87	M14000000589950	1/2 - 1 Mile East
88	M14000000584703	1/2 - 1 Mile NNE
X89	M14000000589215	1/2 - 1 Mile North

**GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

**STATE DATABASE WELL INFORMATION**

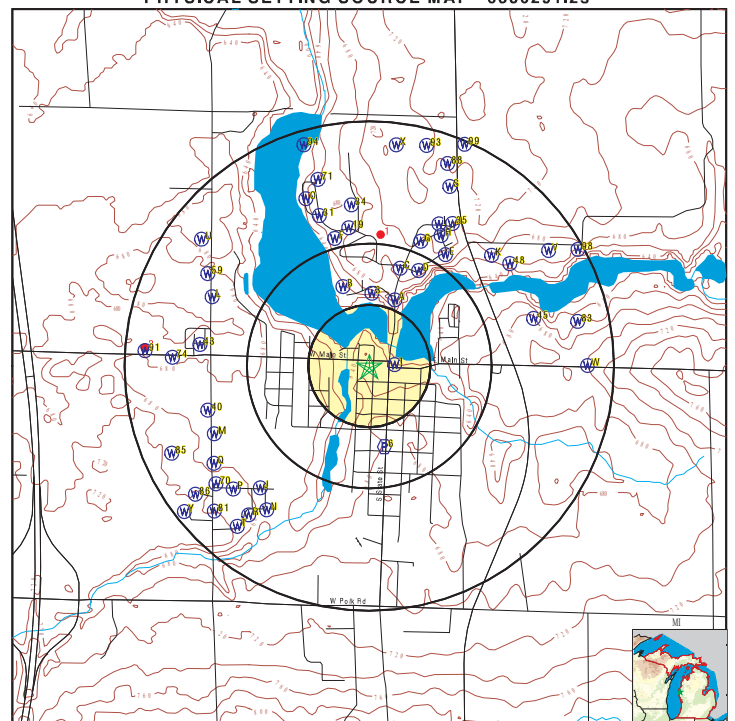
MAP ID	WELL ID	LOCATION FROM TP
X90	M14000000589213	1/2 - 1 Mile North
91	M14000000584700	1/2 - 1 Mile West
W92	M14000000590243	1/2 - 1 Mile East
93	M14000000588478	1/2 - 1 Mile NNE
94	M14000000587442	1/2 - 1 Mile NNW
Y95	M14000000589595	1/2 - 1 Mile SW
Y96	M14000000587832	1/2 - 1 Mile SW
Y97	M14000000588895	1/2 - 1 Mile SW
98	M14000000588031	1/2 - 1 Mile ENE
99	M14000000589983	1/2 - 1 Mile NNE

**OTHER STATE DATABASE INFORMATION**

**STATE OIL/GAS WELL INFORMATION**

MAP ID	WELL ID	LOCATION FROM TP
1	MIOG12000066991	1/2 - 1 Mile North
2	MIOG12000067062	1/2 - 1 Mile West

**PHYSICAL SETTING SOURCE MAP - 6550291.2s**



- County Boundary
- Major Roads
- Contour Lines
- 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

<b>SITE NAME:</b> 3 East Main - Hart	<b>CLIENT:</b> Westshore Engineering & Surv.
<b>ADDRESS:</b> 3 East Main Street	<b>CONTACT:</b> Adam Mulling
<b>Hart NJ 07020</b>	<b>INQUIRY #:</b> 6550291.2s
<b>LAT/LONG:</b> 43.702845 / 86.36521	<b>DATE:</b> June 24, 2021 7:42 am

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**  
**East**  
**0 - 1/8 Mile**  
**Lower**

**MI WELLS MI400000584763**

Well ID: 6400001808 Permit #: Not Reported  
Owner: FATSEAS, DOROTHY Well Depth: 122  
Well Type: Household Other Type Info: Not Reported  
Well Status: Not Reported Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: 64-0407 Drill Method: Rotary  
Other Method Info: Not Reported Construction Date: 1986-08-14 00:00:00  
Casing Type: Steel-black Other Casing Info: Not Reported  
Case Diameter (in): 2 Casing Depth (ft): 118  
Screen Start Depth: 2 Screen End Depth: 122  
Static Water Level: 0 Flowing: Y  
Test Drawdown Depth: 0 Test Hours: 0  
Test Water Flow Rate: 20 Test Method: Unknown  
Well Grouted: N Elevation: 640

**A2**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS MI400000584711**

Well ID: 6400001755 Permit #: Not Reported  
Owner: WADEL, RICK Well Depth: 60  
Well Type: Heat Pump Other Type Info: Not Reported  
Well Status: Not Reported Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: 64-1743 Drill Method: Rotary  
Other Method Info: Not Reported Construction Date: 1988-02-26 00:00:00  
Casing Type: PVC Plastic Other Casing Info: Not Reported  
Case Diameter (in): 5 Casing Depth (ft): 60  
Screen Start Depth: 50 Screen End Depth: 60  
Static Water Level: 41 Flowing: N  
Test Drawdown Depth: 41 Test Hours: 1  
Test Water Flow Rate: 12 Test Method: Unknown  
Well Grouted: Y Elevation: 640

**3**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS MI400000584710**

Well ID: 6400001754 Permit #: Not Reported  
Owner: BRUNIK, ADAM Well Depth: 109  
Well Type: Household Other Type Info: Not Reported  
Well Status: Not Reported Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: 64-0407 Drill Method: Rotary  
Other Method Info: Not Reported Construction Date: 1967-01-27 00:00:00  
Casing Type: Unknown Other Casing Info: Not Reported  
Case Diameter (in): 2 Casing Depth (ft): 100  
Screen Start Depth: 100 Screen End Depth: 109  
Static Water Level: 50 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 0 Test Hours: 0  
Test Water Flow Rate: 0 Test Method: Unknown  
Well Grouted: Y Elevation: 659

**A4**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI400000584713**

Well ID: 6400001757 Permit #: Not Reported  
Owner: REID, WILLIAM Well Depth: 120  
Well Type: Household Other Type Info: Not Reported  
Well Status: Not Reported Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: 64-1587 Drill Method: Rotary  
Other Method Info: Not Reported Construction Date: 1990-08-22 00:00:00  
Casing Type: PVC Plastic Other Casing Info: Not Reported  
Case Diameter (in): 5 Casing Depth (ft): 120  
Screen Start Depth: 110 Screen End Depth: 120  
Static Water Level: 20 Flowing: N  
Test Drawdown Depth: 80 Test Hours: 1  
Test Water Flow Rate: 20 Test Method: Unknown  
Well Grouted: Y Elevation: 650

**B5**  
**NNW**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS MI400000584716**

Well ID: 6400001760 Permit #: Not Reported  
Owner: CITY OF HART Well Depth: 124  
Well Type: Type I Public Other Type Info: Not Reported  
Well Status: Active Other Status Info: Not Reported  
Well Supply Serial #: 3060 Well #: HART WELL #7 (Hardy #2)  
Driller ID: Not Reported Drill Method: Unknown  
Other Method Info: Not Reported Construction Date: 1971-01-01 00:00:00  
Casing Type: Unknown Other Casing Info: Not Reported  
Case Diameter (in): 4 Casing Depth (ft): 0  
Screen Start Depth: 0 Screen End Depth: 0  
Static Water Level: 10 Flowing: N  
Test Drawdown Depth: 0 Test Hours: 0  
Test Water Flow Rate: 0 Test Method: Unknown  
Well Grouted: Y Elevation: 636

**6**  
**South**  
**1/4 - 1/2 Mile**  
**Higher**

**FRDS PWS MI0003060**

Epa region: 05 State: MI  
Pwsid: MI0003060 Pwsname: HART  
Cityserved: Not Reported Stateserved: MI  
Zipsserved: Not Reported Pwpscounty: 26127  
Status: Active Retpopsrvd: 1915  
Pwsvccconn: 884 Pspource longname: Groundwater  
Pwstype: CWS Owner: Local\_Govt

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Contact: RICKARD, STAN Contactorgname: RICKARD, STAN  
Contactphone: 231-873-2488 Contactaddress1: 407 State Street  
Contactaddress2: Not Reported Contactcity: HART  
Contactstate: MI Contactzip: 49420  
Pwsactivitycode: A

PWS ID: MI0003060 PWS name: HART PWS type: Not Reported  
Address: 407 STATE STREET PWS address: Not Reported  
City: HART Care of: MI PWS status: Not Reported  
Zip: 49420 Owner: HART PWS ID: MI0003060  
Source code: Ground water Population: 1942

PWS ID: MI0003060 PWS type: Not Reported  
PWS name: Not Reported PWS address: Not Reported  
PWS city: Not Reported PWS status: Not Reported  
PWS zip: Not Reported PWS ID: MI0003060  
Activity status: Active Date system activated: Not Reported  
Date system deactivated: Not Reported Retail population: 0001942  
System name: HART System address: CITY OF HART  
System address: 218 WASHINGTON STREET System city: HART  
System state: MI System zip: 49420

Population served: 1,001 - 2,500 Persons Treatment: Untreated  
Latitude: 434153 Longitude: 0862150

**B7**  
**NNW**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS MI400000584715**

Well ID: 6400001759 Permit #: Not Reported  
Owner: CITY OF HART Well Depth: 125  
Well Type: Type I Public Other Type Info: Not Reported  
Well Status: Active Other Status Info: Not Reported  
Well Supply Serial #: 3060 Well #: HART WELL #6 (Hardy #1)  
Driller ID: Not Reported Drill Method: Unknown  
Other Method Info: Not Reported Construction Date: 1971-01-01 00:00:00  
Casing Type: Not Reported Other Casing Info: Not Reported  
Case Diameter (in): 8 Casing Depth (ft): 0  
Screen Start Depth: 0 Screen End Depth: 125  
Static Water Level: 10 Flowing: N  
Test Drawdown Depth: 0 Test Hours: 0  
Test Water Flow Rate: 0 Test Method: Unknown  
Well Grouted: Y Elevation: 657

**C8**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI400000590071**

Well ID: 6400006564 Permit #: 640006718  
Owner: ROBERT ROONMS Well Depth: 145  
Well Type: Household Other Type Info: Not Reported  
Well Status: Active Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: 64-1743 Drill Method: Rotary  
Other Method Info: Not Reported Construction Date: 2009-11-15 00:00:00  
Casing Type: PVC Plastic Other Casing Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Case Diameter (in): 5 Casing Depth (ft): 125  
Screen Start Depth: 135 Screen End Depth: 145  
Static Water Level: 65 Flowing: N  
Test Drawdown Depth: 90 Test Hours: 1  
Test Water Flow Rate: 15 Test Method: Test Pump  
Well Grouted: Y Elevation: 0

**C9**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI400000584707**

Well ID: 6400001750 Permit #: Not Reported  
Owner: JUSKA, TONY Well Depth: 139  
Well Type: Household Other Type Info: Not Reported  
Well Status: Not Reported Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: Not Reported Drill Method: Hollow Rod  
Other Method Info: Not Reported Construction Date: 1977-12-16 00:00:00  
Casing Type: Unknown Other Casing Info: Not Reported  
Case Diameter (in): 2 Casing Depth (ft): 135  
Screen Start Depth: 135 Screen End Depth: 139  
Static Water Level: 55 Flowing: N  
Test Drawdown Depth: 0 Test Hours: 0  
Test Water Flow Rate: 0 Test Method: Unknown  
Well Grouted: Y Elevation: 682

**D10**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI400000589313**

Well ID: 6400005714 Permit #: 640005462  
Owner: WILLIAM REILLY Well Depth: 141  
Well Type: Household Other Type Info: Not Reported  
Well Status: Active Other Status Info: Not Reported  
Well Supply Serial #: Not Reported Well #: Not Reported  
Driller ID: 64-1587 Drill Method: Rotary  
Other Method Info: Not Reported Construction Date: 2006-06-05 00:00:00  
Casing Type: PVC Plastic Other Casing Info: Not Reported  
Case Diameter (in): 5 Casing Depth (ft): 141  
Screen Start Depth: 131 Screen End Depth: 141  
Static Water Level: 58 Flowing: N  
Test Drawdown Depth: 59 Test Hours: 1  
Test Water Flow Rate: 15 Test Method: Air  
Well Grouted: Y Elevation: 0

**D11**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI400000587826**

Well ID: 6400004034 Permit #: 640003205  
Owner: ALBERT RIDDELL Well Depth: 179  
Well Type: Household Other Type Info: Not Reported  
Well Status: Active Other Status Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2002-06-12 00:00:00
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	179
Screen Start Depth:	169	Screen End Depth:	179
Static Water Level:	88	Flowing:	N
Test Drawdown Depth:	160	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	Other
Well Grouted:	Y	Elevation:	0

**D12 NNE 1/4 - 1/2 Mile Higher MI WELLS MI400000584702**

Well ID:	6400001745	Permit #:	Not Reported
Owner:	LONGCORE, RONALD	Well Depth:	212
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	Jetted
Other Method Info:	Not Reported	Construction Date:	1981-04-22 00:00:00
Casing Type:	Unknown	Other Casing Info:	Not Reported
Case Diameter (in):	2	Casing Depth (ft):	208
Screen Start Depth:	208	Screen End Depth:	212
Static Water Level:	50	Flowing:	N
Test Drawdown Depth:	65	Test Hours:	0
Test Water Flow Rate:	15	Test Method:	Unknown
Well Grouted:	N	Elevation:	702

**C13 NNE 1/4 - 1/2 Mile Higher MI WELLS MI400000590222**

Well ID:	6400006746	Permit #:	640007231
Owner:	Schaner, Jerry	Well Depth:	170
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2011-09-23 00:00:00
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	160
Screen Start Depth:	162	Screen End Depth:	170
Static Water Level:	75	Flowing:	N
Test Drawdown Depth:	90	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	Air
Well Grouted:	Y	Elevation:	0

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
E14 NE					
1/2 - 1 Mile Higher				MI WELLS	MI400000584704

Well ID:	64000001747	Permit #:	Not Reported
Owner:	RUMICS, MILDRED C.	Well Depth:	108
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	1979-08-31 00:00:00
Casing Type:	Unknown	Other Casing Info:	Not Reported
Case Diameter (in):	2	Casing Depth (ft):	104
Screen Start Depth:	104	Screen End Depth:	108
Static Water Level:	62	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	Unknown
Well Grouted:	N	Elevation:	689

**F15 NNW 1/2 - 1 Mile Higher MI WELLS MI400000586853**

Well ID:	64000002943	Permit #:	Not Reported
Owner:	GATEWAY MOTEL	Well Depth:	120
Well Type:	Type II Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	2005464	Well #:	001
Driller ID:	64-0407	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	1974-09-10 00:00:00
Casing Type:	Unknown	Other Casing Info:	Not Reported
Case Diameter (in):	4	Casing Depth (ft):	100
Screen Start Depth:	100	Screen End Depth:	120
Static Water Level:	78	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	65	Test Method:	Unknown
Well Grouted:	Y	Elevation:	261.81

**F16 NNW 1/2 - 1 Mile Higher MI WELLS MI400000586891**

Well ID:	64000002982	Permit #:	64-01512
Owner:	RUSS, JOHNSON	Well Depth:	162
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	53-1917	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	1989-10-28 11:14:21
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	162
Screen Start Depth:	156	Screen End Depth:	162
Static Water Level:	80	Flowing:	N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth:	85	Test Hours:	2
Test Water Flow Rate:	26	Test Method:	Air
Well Grouted:	Y	Elevation:	0

**G17 NNE 1/2 - 1 Mile Higher MI WELLS MI400000589029**

Well ID:	64000005397	Permit #:	640005068
Owner:	NOEL SOBERS	Well Depth:	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2005-07-18 00:00:00
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	160
Screen Start Depth:	150	Screen End Depth:	160
Static Water Level:	80	Flowing:	N
Test Drawdown Depth:	130	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	Air
Well Grouted:	Y	Elevation:	699

**G18 NNE 1/2 - 1 Mile Higher MI WELLS MI400000587629**

Well ID:	64000003837	Permit #:	64-01651
Owner:	HABITAT FOR HUMANITY	Well Depth:	136
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2001-11-12 00:00:00
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	99
Screen Start Depth:	126	Screen End Depth:	136
Static Water Level:	70	Flowing:	N
Test Drawdown Depth:	95	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	Test Pump
Well Grouted:	Y	Elevation:	0

**I9 North 1/2 - 1 Mile Higher MI WELLS MI400000591043**

Well ID:	64000007629	Permit #:	64-8931
Owner:	Mike Erickson	Well Depth:	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2016-11-18 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	130
Screen Start Depth:	130	Screen End Depth:	140
Static Water Level:	73	Flowing:	N
Test Drawdown Depth:	130	Test Hours:	1
Test Water Flow Rate:	40	Test Method:	Air
Well Grouted:	Y	Elevation:	0

**E20 NE 1/2 - 1 Mile Higher MI WELLS MI400000586889**

Well ID:	64000002980	Permit #:	64-01741
Owner:	DON BUSCH	Well Depth:	183
Well Type:	Unknown	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	1999-12-10 10:28:37
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	173
Screen Start Depth:	173	Screen End Depth:	183
Static Water Level:	75	Flowing:	N
Test Drawdown Depth:	105	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	Air
Well Grouted:	Y	Elevation:	600

**E21 NNE 1/2 - 1 Mile Higher MI WELLS MI400000587417**

Well ID:	64000003621	Permit #:	64-01560
Owner:	Russell Johnson	Well Depth:	182
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2001-06-12 00:00:00
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	182
Screen Start Depth:	162	Screen End Depth:	182
Static Water Level:	63	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	Air
Well Grouted:	Y	Elevation:	0

**H22 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584712**

Well ID:	64000001756	Permit #:	Not Reported
Owner:	DUNN, ROBERT	Well Depth:	127
Well Type:	Household	Other Type Info:	Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Not Reported  
 Well Supply Serial #: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 107  
 Static Water Level: 77  
 Test Drawdown Depth: 77  
 Test Water Flow Rate: 15  
 Well Grouted: Y

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1990-06-01 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 107  
 Screen End Depth: 127  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 699

**H23 NNE 1/2 - 1 Mile Higher MI WELLS MI400000590527**

Well ID: 6400000705  
 Owner: Alan Huron  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 159  
 Static Water Level: 82  
 Test Drawdown Depth: 96  
 Test Water Flow Rate: 16  
 Well Grouted: Y

Permit #: 64-7660  
 Well Depth: 164  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2013-11-06 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 159  
 Screen End Depth: 164  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**H24 NNE 1/2 - 1 Mile Higher MI WELLS MI400000587352**

Well ID: 64000003551  
 Owner: PAM FLAHERTY  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 174  
 Static Water Level: 81  
 Test Drawdown Depth: 120  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 64-02475  
 Well Depth: 184  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2001-07-02 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 184  
 Screen End Depth: 184  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation Database EDR ID Number

**H25 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584714**

Well ID: 64000001758  
 Owner: LIPSKI, CRAIG  
 Well Type: Unknown  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 0  
 Screen Start Depth: Not Reported  
 Static Water Level: 80  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 112  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Unknown  
 Construction Date: 1991-09-10 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 0  
 Screen End Depth: Not Reported  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 699

**H26 NNE 1/2 - 1 Mile Higher MI WELLS MI400000587351**

Well ID: 64000003550  
 Owner: TIM WHITE  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 172  
 Static Water Level: 51  
 Test Drawdown Depth: 100  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 64-02519  
 Well Depth: 182  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Unknown  
 Construction Date: 2001-06-20 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 182  
 Screen End Depth: 182  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**I27 NNE 1/2 - 1 Mile Higher MI WELLS MI400000589836**

Well ID: 64000006281  
 Owner: ALAN PEERAER  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 86  
 Static Water Level: 55

Permit #: 640006486  
 Well Depth: 98  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2008-12-01 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 96  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 75  
 Test Water Flow Rate: 16  
 Well Grouted: Y

Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**H28 NNE 1/2 - 1 Mile Higher MI WELLS MI400000587874**

Well ID: 64000004083  
 Owner: Maria Thornton  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 108  
 Static Water Level: 50  
 Test Drawdown Depth: 90  
 Test Water Flow Rate: 15  
 Well Grouted: Y

Permit #: 640003008  
 Well Depth: 118  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2002-08-31 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 108  
 Screen End Depth: 118  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**J29 SW 1/2 - 1 Mile Higher MI WELLS MI400000584756**

Well ID: 6400001801  
 Owner: M.W. VANDERVEEN CONST. CO.  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 46  
 Static Water Level: 32  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 12  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Jetted  
 Construction Date: 1972-12-12 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 46  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**K30 NE 1/2 - 1 Mile Higher MI WELLS MI400000587602**

Well ID: 64000003810  
 Owner: EDWARD LOSEMAN JR  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported

Permit #: 64-02831  
 Well Depth: 144  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2001-08-01 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: Steel-black  
 Case Diameter (in): 4  
 Screen Start Depth: 139  
 Static Water Level: 58  
 Test Drawdown Depth: 80  
 Test Water Flow Rate: 28  
 Well Grouted: Y

Other Casing Info: Not Reported  
 Casing Depth (ft): 139  
 Screen End Depth: 144  
 Flowing: N  
 Test Hours: 3  
 Test Method: Unknown  
 Elevation: 0

**31 NNW 1/2 - 1 Mile Higher MI WELLS MI400000586207**

Well ID: 64000004471  
 Owner: GLEN TOWNE  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 41-1987  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 90  
 Static Water Level: 40  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 12  
 Well Grouted: Y

Permit #: 640003682  
 Well Depth: 100  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2003-07-04 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 100  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**J32 SW 1/2 - 1 Mile Higher MI WELLS MI400000584767**

Well ID: 64000001812  
 Owner: FILD, JON  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 40  
 Static Water Level: 26  
 Test Drawdown Depth: 26  
 Test Water Flow Rate: 10  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1988-04-13 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 50  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 679

**I33 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584709**

Well ID: 64000001753  
 Owner: HART REDDI MIX  
 Well Type: Other

Permit #: Not Reported  
 Well Depth: 138  
 Other Type Info: Commercial

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Not Reported  
 Well Supply Serial #: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 129  
 Static Water Level: 68  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 45  
 Well Grouted: N

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1971-07-24 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 129  
 Screen End Depth: 138  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 702

**34 North 1/2 - 1 Mile Higher MI WELLS MI400000589423**

Well ID: 64000005824  
 Owner: Troy Van Gerladeren  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 70-0337  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 170  
 Static Water Level: 50  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 50  
 Well Grouted: Y

Permit #: 640005631  
 Well Depth: 175  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Cable Tool  
 Construction Date: 2007-01-04 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 170  
 Screen End Depth: 175  
 Flowing: N  
 Test Hours: 1  
 Test Method: Plunger  
 Elevation: 0

**35 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584701**

Well ID: 6400001744  
 Owner: PEERAER, ALLEN  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 92  
 Static Water Level: 78  
 Test Drawdown Depth: 78  
 Test Water Flow Rate: 14  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 97  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Hollow Rod  
 Construction Date: 1982-09-20 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 92  
 Screen End Depth: 97  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 702

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation Database EDR ID Number

**J36 SW 1/2 - 1 Mile Higher MI WELLS MI400000584757**

Well ID: 64000001802  
 Owner: M.W. VANDERVEEN CONST. CO.  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 3  
 Screen Start Depth: 42  
 Static Water Level: 25  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 25  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 48  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Auger/Bored  
 Construction Date: 1973-01-03 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 42  
 Screen End Depth: 48  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**L37 WNW 1/2 - 1 Mile Higher MI WELLS MI400000588226**

Well ID: 64000004491  
 Owner: CHARLES CUTLER  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 87  
 Static Water Level: 51  
 Test Drawdown Depth: 55  
 Test Water Flow Rate: 12  
 Well Grouted: Y

Permit #: 640003812  
 Well Depth: 97  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2003-06-30 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 97  
 Screen End Depth: 97  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**J38 SW 1/2 - 1 Mile Higher MI WELLS MI400000587964**

Well ID: 64000004176  
 Owner: JOHN & LOIS SULLIVAN  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 74  
 Static Water Level: 41

Permit #: 640003431  
 Well Depth: 84  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2002-10-16 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 84  
 Screen End Depth: 84  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 70  
 Test Water Flow Rate: 29  
 Well Grouted: Y

Test Hours: 1  
 Test Method: Unknown  
 Elevation: 0

**M39 WSW 1/2 - 1 Mile Higher MI WELLS MI400000589515**

Well ID: 64000005929  
 Owner: RITA ROBBINS  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 35  
 Static Water Level: 19  
 Test Drawdown Depth: 28  
 Test Water Flow Rate: 10  
 Well Grouted: Y

Permit #: 640005855  
 Well Depth: 45  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2007-05-09 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 45  
 Screen End Depth: 45  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**40 WSW 1/2 - 1 Mile Higher MI WELLS MI400000584774**

Well ID: 6400001820  
 Owner: ROUGHT, MYRON  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 58-0646  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 45  
 Static Water Level: 34  
 Test Drawdown Depth: 34  
 Test Water Flow Rate: 10  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Hollow Rod  
 Construction Date: 1978-07-08 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 50  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 679

**J41 SW 1/2 - 1 Mile Higher MI WELLS MI400000584754**

Well ID: 6400001799  
 Owner: HART PUBLIC SCHOOLS  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1980-11-05 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 46  
 Static Water Level: 20  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Other Casing Info: Not Reported  
 Casing Depth (ft): 0  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**N42 SW 1/2 - 1 Mile Higher MI WELLS MI400000584766**

Well ID: 64000001811  
 Owner: HART PUBLIC SCHOOLS  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 0  
 Screen Start Depth: 41  
 Static Water Level: 29  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 46  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1987-10-27 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 0  
 Screen End Depth: 46  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**43 West 1/2 - 1 Mile Higher MI WELLS MI400000584699**

Well ID: 64000001742  
 Owner: HEGG, CHARLES  
 Well Type: Other  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 64  
 Static Water Level: 46  
 Test Drawdown Depth: 60  
 Test Water Flow Rate: 60  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 74  
 Other Type Info: Public Well Type Unknown  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1967-07-10 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 64  
 Screen End Depth: 74  
 Flowing: N  
 Test Hours: 3  
 Test Method: Unknown  
 Elevation: 686

**M44 WSW 1/2 - 1 Mile Higher MI WELLS MI400000587156**

Well ID: 64000003349  
 Owner: Linda Thralkill  
 Well Type: Household

Permit #: 64-01735  
 Well Depth: 100  
 Other Type Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Active  
 Well Supply Serial #: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 90  
 Static Water Level: 0  
 Test Drawdown Depth: 60  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2000-05-24 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 100  
 Screen End Depth: 100  
 Flowing: Y  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**45 ENE**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000590041

Well ID: 6400006522  
 Owner: JOHN AND SANDY DIEHL  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 34-2126  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 81  
 Static Water Level: 70  
 Test Drawdown Depth: 79  
 Test Water Flow Rate: 30  
 Well Grouted: Y

Permit #: 64000673  
 Well Depth: 86  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2009-11-12 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 81  
 Screen End Depth: 86  
 Flowing: N  
 Test Hours: 1  
 Test Method: Plunger  
 Elevation: 0

**46 NE**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000584721

Well ID: 6400001765  
 Owner: STRALEY, TED  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: Not Reported  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 2  
 Screen Start Depth: 34  
 Static Water Level: 18  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: Y  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 38  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Hollow Rod  
 Construction Date: 1975-05-21 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 0  
 Screen End Depth: 38  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Elevation

Database EDR ID Number

**O47 NNW**  
**1/2 - 1 Mile**  
**Lower**

MI WELLS MI400000581815

Well ID: 6400005572  
 Owner: CHAD HUIZENGA  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 116  
 Static Water Level: 45  
 Test Drawdown Depth: 60  
 Test Water Flow Rate: 16  
 Well Grouted: Y

Permit #: 6400047447  
 Well Depth: 126  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-10-14 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 126  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**48 NE**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000589825

Well ID: 6400006267  
 Owner: TED STRALEY  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 61-2040  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 35  
 Static Water Level: 40  
 Test Drawdown Depth: 33  
 Test Water Flow Rate: 16  
 Well Grouted: Y

Permit #: 640006406  
 Well Depth: 40  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Jetted  
 Construction Date: 2008-09-11 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 35  
 Screen End Depth: 40  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**N49 SW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000584751

Well ID: 6400001796  
 Owner: HART SCHOOL BUILDING TRADES  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 41  
 Static Water Level: 29

Permit #: Not Reported  
 Well Depth: 46  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1983-11-08 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 44  
 Screen End Depth: 46  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**P50 SW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000590249

Well ID: 6400006774  
 Owner: Herbert G. Foster  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 51  
 Static Water Level: 34  
 Test Drawdown Depth: 42  
 Test Water Flow Rate: 25  
 Well Grouted: Y

Permit #: 640007133  
 Well Depth: 61  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Jetted  
 Construction Date: 2011-12-02 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 51  
 Screen End Depth: 61  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**N51 SW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000584752

Well ID: 6400001797  
 Owner: HART PUBLIC SCHOOLS  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 46  
 Static Water Level: 30  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1992-10-04 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 45  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 679

**L52 WNW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000588901

Well ID: 6400005261  
 Owner: MARK FOSTER  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported

Permit #: 640004866  
 Well Depth: 75  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Auger/Bored  
 Construction Date: 2005-03-10 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: Steel-Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 71  
 Static Water Level: 62  
 Test Drawdown Depth: 62  
 Test Water Flow Rate: 15  
 Well Grouted: Y

Other Casing Info: Not Reported  
 Casing Depth (ft): 72  
 Screen End Depth: 75  
 Flowing: N  
 Test Hours: 1  
 Test Method: Plunger  
 Elevation: 0

**P53 SW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000584755

Well ID: 6400001800  
 Owner: HART PUBLIC SCHOOLS  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 0  
 Screen Start Depth: 38  
 Static Water Level: 35  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1979-11-09 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 45  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 686

**Q54 WSW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000588448

Well ID: 6400004735  
 Owner: Church of Latter Day Saints  
 Well Type: Type II Public  
 Well Status: Active  
 Well Supply Serial #: 2023064  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Steel-Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 86  
 Static Water Level: 24  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 28  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 91  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: 001  
 Drill Method: Rotary  
 Construction Date: 1992-04-14 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 86  
 Screen End Depth: 91  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 673

**P55 SW**  
**1/2 - 1 Mile**  
**Higher**

MI WELLS MI400000584753

Well ID: 6400001798  
 Owner: HART PUBLIC SCHOOLS  
 Well Type: Household

Permit #: Not Reported  
 Well Depth: 50  
 Other Type Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 0  
 Screen Start Depth: 46  
 Static Water Level: 25  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1981-10-26 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 45  
 Screen End Depth: 50  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 682

**N56 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000584771**

Well ID: 64000001817  
 Owner: HIGGINSON, JANET  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 4  
 Screen Start Depth: 88  
 Static Water Level: 46  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 60  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 93  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1991-12-30 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 87  
 Screen End Depth: 93  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 686

**P57 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000584762**

Well ID: 64000001807  
 Owner: M.W. VANDERVEEN CONST. CO.  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 43  
 Static Water Level: 32  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 11  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 47  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Jetted  
 Construction Date: 1973-01-05 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 43  
 Screen End Depth: 47  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Elevation  
 Database EDR ID Number

**O58 NNW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000586890**

Well ID: 64000002981  
 Owner: WM. BURD JR.  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 80  
 Static Water Level: 35  
 Test Drawdown Depth: 70  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 64-01621  
 Well Depth: 90  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1999-12-08 10:48:37  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 80  
 Screen End Depth: 90  
 Flowing: N  
 Test Hours: .5  
 Test Method: Air  
 Elevation: 715.04

**59 WNW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000588992**

Well ID: 64000005360  
 Owner: SHARON POUNDS  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 93  
 Static Water Level: 58  
 Test Drawdown Depth: 72  
 Test Water Flow Rate: 12  
 Well Grouted: Y

Permit #: 640004977  
 Well Depth: 103  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-05-23 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 103  
 Screen End Depth: 103  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 676

**P60 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000584764**

Well ID: 64000001809  
 Owner: HART PUBLIC SCHOOLS  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 0  
 Screen Start Depth: 35  
 Static Water Level: 31

Permit #: Not Reported  
 Well Depth: 40  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1984-10-09 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 35  
 Screen End Depth: 40  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: Y

Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**Q61 WSW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000588178**

Well ID: 64000004409  
 Owner: HENRY LEHMAN  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 61-2074  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 97  
 Static Water Level: 16  
 Test Drawdown Depth: 26  
 Test Water Flow Rate: 10  
 Well Grouted: Y

Permit #: 640003848  
 Well Depth: 107  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Cable Tool  
 Construction Date: 2003-07-01 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 107  
 Screen End Depth: 107  
 Flowing: N  
 Test Hours: 1  
 Test Method: Bailor  
 Elevation: 673

**R62 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000584765**

Well ID: 64000001810  
 Owner: PEARSON, RAYMOND  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0529  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 0  
 Screen Start Depth: 86  
 Static Water Level: 49  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 94  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1986-04-10 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 0  
 Screen End Depth: 94  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**P63 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000584759**

Well ID: 64000001804  
 Owner: HART BUILDERS SUPPLY  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported

Permit #: Not Reported  
 Well Depth: 103  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1969-10-23 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 98  
 Static Water Level: 11  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 35  
 Well Grouted: N

Other Casing Info: Not Reported  
 Casing Depth (ft): 98  
 Screen End Depth: 103  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**P64 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000584761**

Well ID: 64000001806  
 Owner: M.W. VANDERVEEN CONST. CO.  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 40  
 Static Water Level: 27  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 15  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 44  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Jetted  
 Construction Date: 1973-01-11 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 40  
 Screen End Depth: 44  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**R65 SW**  
**1/2 - 1 Mile**  
**Higher**  
**MI WELLS MI400000589796**

Well ID: 64000006238  
 Owner: MARY BRICKER  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 8  
 Screen Start Depth: 91  
 Static Water Level: 65  
 Test Drawdown Depth: 90  
 Test Water Flow Rate: 10  
 Well Grouted: Y

Permit #: 640006313  
 Well Depth: 101  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2008-07-10 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 101  
 Screen End Depth: 101  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**R66 SW**  
**1/2 - 1 Mile**  
**Lower**  
**MI WELLS MI400000584758**

Well ID: 64000001803  
 Owner: WOLTING, JAY  
 Well Type: Household

Permit #: Not Reported  
 Well Depth: 86  
 Other Type Info: Not Reported



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Not Reported  
 Well Supply Serial #: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 82  
 Static Water Level: 30  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 15  
 Well Grouted: N

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1967-11-12 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 82  
 Screen End Depth: 86  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**R67 SW 1/2 - 1 Mile Higher MI WELLS MI400000584770**

Well ID: 64000001815  
 Owner: STOVALL, MARK  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 80  
 Static Water Level: 55  
 Test Drawdown Depth: 75  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 90  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1991-04-18 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 80  
 Screen End Depth: 90  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 650

**R68 SW 1/2 - 1 Mile Higher MI WELLS MI400000586896**

Well ID: 64000002987  
 Owner: JOHN CARLSON  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 42  
 Static Water Level: 32  
 Test Drawdown Depth: 32  
 Test Water Flow Rate: 16  
 Well Grouted: Y

Permit #: 64-01719  
 Well Depth: 52  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1999-09-25 13:05:32  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 42  
 Screen End Depth: 52  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 663

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation Database EDR ID Number  
**S69 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584765**

Well ID: 64000001748  
 Owner: COLE, THEODORE  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 2  
 Screen Start Depth: 126  
 Static Water Level: 75  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 15  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 130  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Jetted  
 Construction Date: 1976-08-22 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 126  
 Screen End Depth: 130  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 728

**70 SW 1/2 - 1 Mile Higher MI WELLS MI400000584760**

Well ID: 64000001805  
 Owner: WOLTING, JAY  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 80  
 Static Water Level: 42  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 45  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 86  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1989-05-14 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 80  
 Screen End Depth: 86  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**71 NNW 1/2 - 1 Mile Higher MI WELLS MI400000589952**

Well ID: 64000006417  
 Owner: Kathy Bebee  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 122  
 Static Water Level: 75

Permit #: 640006755  
 Well Depth: 132  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2010-03-17 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 123  
 Screen End Depth: 132  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 99  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**R72 SW 1/2 - 1 Mile Higher MI WELLS MI400000584768**

Well ID: 64000001813  
 Owner: BRICKER, MARY  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: Not Reported  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 2  
 Screen Start Depth: 40  
 Static Water Level: 32.5  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 44  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Hollow Rod  
 Construction Date: 1987-03-26 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 40  
 Screen End Depth: 44  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 692

**R73 SW 1/2 - 1 Mile Higher MI WELLS MI400000589270**

Well ID: 64000005670  
 Owner: Not Reported  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 53-1659  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 73  
 Static Water Level: 54  
 Test Drawdown Depth: 65  
 Test Water Flow Rate: 75  
 Well Grouted: Y

Permit #: 640005367  
 Well Depth: 83  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Cable Tool  
 Construction Date: 2006-07-19 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 73  
 Screen End Depth: 83  
 Flowing: N  
 Test Hours: 2  
 Test Method: Plunger  
 Elevation: 0

**74 West 1/2 - 1 Mile Higher MI WELLS MI400000588016**

Well ID: 64000004231  
 Owner: FRANK MAST  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported

Permit #: 640003396  
 Well Depth: 54  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2002-11-17 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 44  
 Static Water Level: 26  
 Test Drawdown Depth: 44  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Other Casing Info: Not Reported  
 Casing Depth (ft): 54  
 Screen End Depth: 54  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 0

**S75 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584766**

Well ID: 64000001749  
 Owner: GATEWAY MOTEL  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 100  
 Static Water Level: 78  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 65  
 Well Grouted: N

Permit #: Not Reported  
 Well Depth: 120  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1974-09-10 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 100  
 Screen End Depth: 120  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 728

**T76 SW 1/2 - 1 Mile Higher MI WELLS MI400000584769**

Well ID: 64000001814  
 Owner: BONSTALL, MIKE  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 2  
 Screen Start Depth: 91  
 Static Water Level: 40  
 Test Drawdown Depth: 84  
 Test Water Flow Rate: 12  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 95  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Driven Hand  
 Construction Date: 1988-03-09 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 95  
 Screen End Depth: 95  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 699

**T77 SW 1/2 - 1 Mile Higher MI WELLS MI400000589054**

Well ID: 64000005438  
 Owner: COZART CONSTRUCTION COZART  
 Well Type: Household

Permit #: 640005085  
 Well Depth: 103  
 Other Type Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Active  
 Well Supply Serial #: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 93  
 Static Water Level: 53  
 Test Drawdown Depth: 75  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-10-13 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 103  
 Screen End Depth: 103  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**U78 NW 1/2 - 1 Mile Higher MI WELLS MI400000590018**

Well ID: 6400006499  
 Owner: GOEFF HANSEN  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 88  
 Static Water Level: 55  
 Test Drawdown Depth: 10  
 Test Water Flow Rate: 18  
 Well Grouted: Y

Permit #: 640006491  
 Well Depth: 98  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2009-07-25 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 98  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**V79 ENE 1/2 - 1 Mile Higher MI WELLS MI400000584722**

Well ID: 6400001766  
 Owner: ALTLAND, THOMAS  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 62-0359  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 101  
 Static Water Level: 0  
 Test Drawdown Depth: 60  
 Test Water Flow Rate: 25  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 106  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1989-06-28 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 106  
 Screen End Depth: 106  
 Flowing: Y  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 659

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance Elevation Database EDR ID Number

**U80 NW 1/2 - 1 Mile Higher MI WELLS MI400000588722**

Well ID: 6400005076  
 Owner: JAMIE KISTLER  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 93  
 Static Water Level: 41  
 Test Drawdown Depth: 80  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 640004393  
 Well Depth: 103  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2004-08-11 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 103  
 Screen End Depth: 103  
 Flowing: N  
 Test Hours: 1  
 Test Method: Other  
 Elevation: 686

**81 SW 1/2 - 1 Mile Higher MI WELLS MI400000589028**

Well ID: 6400005396  
 Owner: MANUEL VILANUEVA  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 90  
 Static Water Level: 30  
 Test Drawdown Depth: 52  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 640005077  
 Well Depth: 100  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-08-02 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 100  
 Screen End Depth: 100  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 692

**W82 East 1/2 - 1 Mile Higher MI WELLS MI400000584718**

Well ID: 6400001762  
 Owner: GEHL, BOB  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: Not Reported  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 0  
 Screen Start Depth: 147  
 Static Water Level: 40

Permit #: Not Reported  
 Well Depth: 151  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Hollow Rod  
 Construction Date: 1982-12-16 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 0  
 Screen End Depth: 151  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: Y

Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**83 ENE 1/2 - 1 Mile Higher MI WELLS MI400000591016**

Well ID: 6400007602  
 Owner: DAVID & MAUREEN DAVIS  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 93  
 Static Water Level: 25  
 Test Drawdown Depth: 60  
 Test Water Flow Rate: 15  
 Well Grouted: Y

Permit #: 64-8692  
 Well Depth: 98  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2016-09-09 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 95  
 Screen End Depth: 98  
 Flowing: N  
 Test Hours: 1.5  
 Test Method: Air  
 Elevation: 0

**V84 NE 1/2 - 1 Mile Higher MI WELLS MI400000587443**

Well ID: 6400003648  
 Owner: Johnny Michael McElroy  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 132  
 Static Water Level: 60  
 Test Drawdown Depth: 100  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 64-02231  
 Well Depth: 142  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2000-10-13 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 142  
 Screen End Depth: 142  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**85 WSW 1/2 - 1 Mile Higher MI WELLS MI400000588957**

Well ID: 6400005325  
 Owner: JOHN TATE  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported

Permit #: 640004188  
 Well Depth: 114  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2004-03-01 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 104  
 Static Water Level: 55  
 Test Drawdown Depth: 100  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Other Casing Info: Not Reported  
 Casing Depth (ft): 114  
 Screen End Depth: 114  
 Flowing: N  
 Test Hours: 1  
 Test Method: Other  
 Elevation: 0

**86 SW 1/2 - 1 Mile Higher MI WELLS MI400000584778**

Well ID: 6400001824  
 Owner: HAWLEY, JOHN  
 Well Type: Type II Public  
 Well Status: Active  
 Well Supply Serial #: 2026264  
 Driller ID: Not Reported  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 110  
 Static Water Level: 36  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 120  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Cable Tool  
 Construction Date: 1972-06-15 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 120  
 Screen End Depth: 120  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 689

**W87 East 1/2 - 1 Mile Higher MI WELLS MI400000589950**

Well ID: 6400006414  
 Owner: Geoff Hansen  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 110  
 Static Water Level: 28  
 Test Drawdown Depth: 43  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 640006794  
 Well Depth: 120  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2010-03-23 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 111  
 Screen End Depth: 120  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**88 NNE 1/2 - 1 Mile Higher MI WELLS MI400000584703**

Well ID: 6400001746  
 Owner: HART BRAND TRUCKING  
 Well Type: Household

Permit #: Not Reported  
 Well Depth: 167  
 Other Type Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status: Not Reported  
 Well Supply Serial #: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 152  
 Static Water Level: 80  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: N

Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1979-10-29 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 152  
 Screen End Depth: 167  
 Flowing: N  
 Test Hours: 0  
 Test Method: Unknown  
 Elevation: 728

**X89 North 1/2 - 1 Mile Higher MI WELLS MI400000589215**

Well ID: 6400005605  
 Owner: HARRISON LANDING, STEVE BRUCE  
 Well Type: Test Well  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Steel-Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 90  
 Static Water Level: 29.7  
 Test Drawdown Depth: 74  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 95  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-06-24 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 94  
 Flowing: N  
 Test Hours: 4  
 Test Method: Test Pump  
 Elevation: 0

**X90 North 1/2 - 1 Mile Higher MI WELLS MI400000589213**

Well ID: 6400005603  
 Owner: BRETT CHASE  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-0407  
 Other Method Info: Not Reported  
 Casing Type: Steel-Unknown  
 Case Diameter (in): 4  
 Screen Start Depth: 70  
 Static Water Level: 36  
 Test Drawdown Depth: 70  
 Test Water Flow Rate: 30  
 Well Grouted: Y

Permit #: 64-05206  
 Well Depth: 75  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-10-10 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 70  
 Screen End Depth: 75  
 Flowing: N  
 Test Hours: 2  
 Test Method: Test Pump  
 Elevation: 0

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Elevation  
 Database  
 EDR ID Number

**91 West 1/2 - 1 Mile Higher MI WELLS MI40000058470**

Well ID: 6400001743  
 Owner: BRANDEL, JACK  
 Well Type: Household  
 Well Status: Not Reported  
 Well Supply Serial #: Not Reported  
 Driller ID: 61-0664  
 Other Method Info: Not Reported  
 Casing Type: Steel-black  
 Case Diameter (in): 4  
 Screen Start Depth: 60  
 Static Water Level: 32  
 Test Drawdown Depth: 95  
 Test Water Flow Rate: 45  
 Well Grouted: Y

Permit #: Not Reported  
 Well Depth: 100  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 1983-09-30 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 100  
 Flowing: N  
 Test Hours: 1  
 Test Method: Unknown  
 Elevation: 686

**W92 East 1/2 - 1 Mile Higher MI WELLS MI400000590243**

Well ID: 6400006768  
 Owner: Longcore, Ron  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 160  
 Static Water Level: 70  
 Test Drawdown Depth: 85  
 Test Water Flow Rate: 20  
 Well Grouted: Y

Permit #: 640007281  
 Well Depth: 168  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2011-12-22 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 160  
 Screen End Depth: 168  
 Flowing: N  
 Test Hours: 2  
 Test Method: Air  
 Elevation: 0

**93 NNE 1/2 - 1 Mile Higher MI WELLS MI400000588478**

Well ID: 6400004766  
 Owner: KEVIN KECK  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 53-1917  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 170  
 Static Water Level: 78

Permit #: 640004092  
 Well Depth: 180  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2003-12-09 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 180  
 Screen End Depth: 180  
 Flowing: N

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Test Drawdown Depth: 85  
 Test Water Flow Rate: 35  
 Well Grouted: Y

Test Hours: 2  
 Test Method: Air  
 Elevation: 0

**94 NNW 1/2 - 1 Mile Lower MI WELLS MI400000587442**

Well ID: 64000003647  
 Owner: Steven Clark  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1587  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 94  
 Static Water Level: 61  
 Test Drawdown Depth: 80  
 Test Water Flow Rate: 15  
 Well Grouted: Y

Permit #: 64-02329  
 Well Depth: 104  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2000-10-26 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 104  
 Screen End Depth: 104  
 Flowing: N  
 Test Hours: 1  
 Test Method: Air  
 Elevation: 0

**Y95 SW 1/2 - 1 Mile Higher MI WELLS MI400000589595**

Well ID: 6400006015  
 Owner: GERALD MOLNAR  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 41-1987  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 90  
 Static Water Level: 35  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: Y

Permit #: 640006011  
 Well Depth: 100  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2007-11-02 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 90  
 Screen End Depth: 100  
 Flowing: N  
 Test Hours: 0  
 Test Method: Air  
 Elevation: 0

**Y96 SW 1/2 - 1 Mile Higher MI WELLS MI400000587832**

Well ID: 6400004040  
 Owner: SHANE & DEE ANN HASTY  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 64-1743  
 Other Method Info: Not Reported

Permit #: 640003071  
 Well Depth: 72  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2002-02-08 00:00:00

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 62  
 Static Water Level: 42  
 Test Drawdown Depth: 60  
 Test Water Flow Rate: 18  
 Well Grouted: Y

Other Casing Info: Not Reported  
 Casing Depth (ft): 63  
 Screen End Depth: 72  
 Flowing: N  
 Test Hours: 1  
 Test Method: Test Pump  
 Elevation: 0

**Y97 SW 1/2 - 1 Mile Higher MI WELLS MI400000588995**

Well ID: 6400005255  
 Owner: ALBERT SCHUCHARDT  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 41-1987  
 Other Method Info: Not Reported  
 Casing Type: PVC Plastic  
 Case Diameter (in): 5  
 Screen Start Depth: 80  
 Static Water Level: 38  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 0  
 Well Grouted: Y

Permit #: 640004845  
 Well Depth: 90  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Rotary  
 Construction Date: 2005-05-05 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 80  
 Screen End Depth: 90  
 Flowing: N  
 Test Hours: 0  
 Test Method: Air  
 Elevation: 0

**98 ENE 1/2 - 1 Mile Higher MI WELLS MI400000589031**

Well ID: 6400005400  
 Owner: Gordon Fethke  
 Well Type: Household  
 Well Status: Active  
 Well Supply Serial #: Not Reported  
 Driller ID: 70-0337  
 Other Method Info: Not Reported  
 Casing Type: Steel-Galvanized  
 Case Diameter (in): 4  
 Screen Start Depth: 122  
 Static Water Level: 40  
 Test Drawdown Depth: 0  
 Test Water Flow Rate: 30  
 Well Grouted: Y

Permit #: 610005130  
 Well Depth: 127  
 Other Type Info: Not Reported  
 Other Status Info: Not Reported  
 Well #: Not Reported  
 Drill Method: Cable Tool  
 Construction Date: 2005-09-27 00:00:00  
 Other Casing Info: Not Reported  
 Casing Depth (ft): 122  
 Screen End Depth: 127  
 Flowing: N  
 Test Hours: 1  
 Test Method: Plunger  
 Elevation: 0

**99 NNE 1/2 - 1 Mile Higher MI WELLS MI400000589983**

Well ID: 6400006455  
 Owner: JANET SETTLER  
 Well Type: Household

Permit #: 640006531  
 Well Depth: 132  
 Other Type Info: Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Well Status:	Active	Other Status Info:	Not Reported
Well Supply Serial #:	Not Reported	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Rotary
Other Method Info:	Not Reported	Construction Date:	2009-04-25 00:00:00
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Casing Depth (ft):	122
Screen Start Depth:	122	Screen End Depth:	132
Static Water Level:	75	Flowing:	N
Test Drawdown Depth:	120	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	Air
Well Grouted:	Y	Elevation:	0

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID		Database	FDR ID Number
Direction			
Distance			

<b>1</b>		<b>OIL_GAS</b>	<b>MI061200006991</b>
<b>North</b>			
<b>1/2 - 1 Mile</b>			
API Well #:	21127611307000	Permit #:	GT1597
Completion:	0	Well Type:	Not Reported
Well Status:	Plugging Approved	Bore Type:	Mineral (Non-Confidential)
Slant:	V	Total Depth Drilled:	0
True Vertical Depth:	0	Deepest Formation:	Not Reported
Formation Tops:	Not Reported	Field Name:	Not Reported
Production Formation:	Not Reported	Production Unit #:	Not Reported
Lease Name:	Anna Foster Et Al	Well #:	1
Operator #:	472		
Company Name:	Carter Oil Co	State Owned Land:	0
Surface Owner:	Not Reported	Permit Date:	Not Reported
Federally Owned Land:	0	H2S Concentration:	0
Plug Date:	Not Reported		

**OIL\_GAS** **MI0612000067062**

<b>2</b>		<b>OIL_GAS</b>	<b>MI0612000067062</b>
<b>West</b>			
<b>1/2 - 1 Mile</b>			
API Well #:	21127612037000	Permit #:	GT1715
Completion:	0	Well Type:	Not Reported
Well Status:	Plugging Approved	Bore Type:	Mineral (Non-Confidential)
Slant:	V	Total Depth Drilled:	0
True Vertical Depth:	0	Deepest Formation:	Not Reported
Formation Tops:	Not Reported	Field Name:	Not Reported
Production Formation:	Not Reported	Production Unit #:	Not Reported
Lease Name:	George C. Brandel	Well #:	1
Operator #:	472		
Company Name:	Carter Oil Co	State Owned Land:	0
Surface Owner:	Not Reported	Permit Date:	Not Reported
Federally Owned Land:	0	H2S Concentration:	0
Plug Date:	Not Reported		

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS  
RADON**

**AREA RADON INFORMATION**

State Database: MI Radon

**Radon Test Results**

Zipcode	Test Date	LT Sign	Result
49420	3/9/2009		1.6
49420	11/10/1997		1.5
49420	11/6/1997		1.5
49420	1/30/2001		1.6
49420	2/2/2007		1.5
49420	11/4/2002		1.5
49420	11/8/2003		1.4
49420	3/5/2009		1.5
49420	5/26/2009		1.4
49420	2/28/2006		1.4
49420	10/28/2006		1.3
49420	11/1/2006		1.3
49420	12/8/1997		1.3
49420	1/12/2002		1.3
49420	11/10/2005		1.3
49420	11/5/2005		1.3
49420	12/6/1999		1.3
49420	2/7/2001		1.2
49420	11/9/1996		1.1
49420	11/12/1996		1.1
49420	1/27/1999		1.1
49420	2/12/2009		1.2
49420	1/27/1997		1.1
49420	11/30/1993		1.1
49420	2/5/2007		1.1
49420	2/5/2007		1.1
49420	3/10/2003		1.0
49420	1/21/2002		1.0
49420	11/5/2003		1.0
49420	11/30/1993		1.0
49420	2/9/2009		1.0
49420	1/20/2007		1.0
49420	10/30/2007		1.0
49420	11/1/2002		1.9
49420	11/14/2002		1.8
49420	1/29/2001		1.9
49420	1/31/2009		1.9
49420	12/29/2008		1.8
49420	1/14/2008		1.8
49420	2/11/2008		1.8
49420	2/7/2009		1.8
49420	11/2/2005		1.8
49420	11/12/1996		1.7
49420	2/2/2002		1.7
49420	10/23/2004		1.7
49420	2/2/2007	<	0.3
49420			

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS  
RADON**

**AREA RADON INFORMATION**

49420	11/14/1997	<	0.3
49420	11/5/2005	<	0.3
49420	11/18/2005	<	0.3
49420	10/25/2006	<	0.3
49420	4/20/1996	<	0.3
49420	1/26/2004	<	0.3
49420	11/4/2006		0.5
49420	1/29/2007		0.5
49420	2/19/2007		0.5
49420	1/28/2008		0.5
49420	3/23/2007		0.5
49420	11/4/2002	<	0.3
49420	4/18/2003	<	0.3
49420	1/31/2006	<	0.3
49420	1/25/2006	<	0.3
49420	1/31/2005	<	0.3
49420	7/15/2006	<	0.3
49420	11/6/2008	<	0.3
49420	2/9/2002	<	0.3
49420	1/31/2006	<	0.3
49420	9/5/2007	<	0.3
49420	11/12/1996	<	0.3
49420	11/5/1996	<	0.3
49420	12/10/2005	<	0.3
49420	3/12/2004	<	0.3
49420	12/6/2005	<	0.3
49420	1/11/1999	<	0.3
49420	2/14/2009		1.0
49420	11/17/1998		0.8
49420	2/25/1999		0.9
49420	3/8/2004		0.7
49420	11/3/2003		0.9
49420	1/28/2006		0.6
49420	1/24/2006		0.8
49420	1/31/2008		0.7
49420	11/2/2005		0.9
49420	11/14/2007		0.6
49420	4/3/2007		0.6
49420	3/1/2005		0.9
49420	2/28/2005		0.9
49420	1/24/2006		0.9
49420	2/12/2001		0.6
49420	2/14/2001		0.6
49420	1/24/2009		0.7
49420	2/20/2009		0.6
49420	1/30/2009		0.8
49420	1/20/2009		0.8
49420	9/15/1994		0.9
49420	3/6/2009		0.6
49420	2/26/2009		0.6
49420	1/31/2009		0.8
49420	3/5/2009		0.8
49420	3/27/2009		0.9
49420	11/5/1996		0.7
49420	10/16/2001		0.5
49420			

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS  
RADON**

**AREA RADON INFORMATION**

	1/28/2002	0.5
49420	11/18/2002	0.6
49420	4/20/2009	2.6
49420	2/1/2001	2.9
49420	11/8/1996	2.5
49420	6/1/2001	2.4
49420	11/7/2008	2.3
49420	2/2/2009	2.3
49420	5/24/2002	2.3
49420	2/6/2001	2.2
49420	1/28/2002	2.1
49420	11/1/2008	2.6
49420	6/13/2009	2.7
49420	2/17/2009	< 0.3
49420	2/21/2009	< 0.3
49420	2/23/2009	< 0.3
49420	11/30/1993	< 0.3
49420	2/13/2001	3.6
49420	2/12/2000	< 0.3
49420	2/3/2001	< 0.3
49420	3/5/2001	< 0.3
49420	3/5/2001	< 0.3
49420	11/2/1999	3.2
49420	2/9/2009	3.2
49420	12/2/1996	3.1
49420	6/22/2009	< 0.3
49420	1/23/2010	< 0.3
49420	1/20/2009	< 0.3
49420	1/24/2009	< 0.3
49420	4/20/2002	6.2
49420	11/4/2002	2.1
49420	4/30/2004	2.1
49420	3/1/2006	2.1
49420	2/19/2001	2.1
49420	11/4/1999	2.1
49420	3/31/2001	2.1
49420	2/13/2009	2.0

Federal EPA Radon Zone for OCEANA 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  
 Not Reported

**PHYSICAL SETTING SOURCE RECORDS SEARCHED**

**TOPOGRAPHIC INFORMATION**

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

Current USGS 7.5 Minute Topographic Map  
 Source: U.S. Geological Survey

**HYDROLOGIC INFORMATION**

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA  
 Telephone: 877-336-2627  
 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory  
 Source: Department of Natural Resources  
 Telephone: 517-241-2254

**HYDROGEOLOGIC INFORMATION**

AQUIFLOW<sup>R</sup> 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. Schuben, R.E. Armit 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. Bekman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)  
 Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,350. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

**PHYSICAL SETTING SOURCE RECORDS SEARCHED**

**LOCAL / REGIONAL WATER AGENCY RECORDS**

**FEDERAL WATER WELLS**

PWS: Public Water Systems

Source: EPA/Office of Drinking Water  
 Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water  
 Telephone: 202-564-3750

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

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

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

**STATE RECORDS**

Water Well Data

Source: Department of Environmental Quality  
 Telephone: 517-335-9218

The data in this file was obtained from Wellog, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellog contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence. Locations of verified municipal and private water well sites compiled from Michigan Department of Public Health, Water Well and Pump Records. Available in the following MI counties: Calhoun, Eaton, Genesee, Ingham, Jackson, Kalamazoo, Kent, Midland, Muskegon, Oakland, Ottawa, Saginaw, St. Clair, Washtenaw.

**OTHER STATE DATABASE INFORMATION**

Michigan Oil and Gas Wells

Source: Department of Environmental Quality  
 Telephone: 517-241-1528

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

**RADON**

State Database: MI Radon

Source: Department of Environmental Quality  
 Telephone: 517-335-9551  
 Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality  
 Telephone: 517-335-8037

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

Area Radon Information

Source: USGS  
 Telephone: 703-356-4020

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

**PHYSICAL SETTING SOURCE RECORDS SEARCHED**

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

**OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines:

The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United States Geological Survey

**STREET AND ADDRESS INFORMATION**

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**Appendix D**

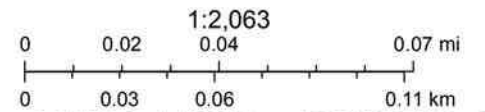
**State Governmental Records**

# Environmental Mapper



June 19, 2021

- Michigan Department of Transportation - Point
- Notice of Approved Env. Remediation - Point
- Ordinance - Point

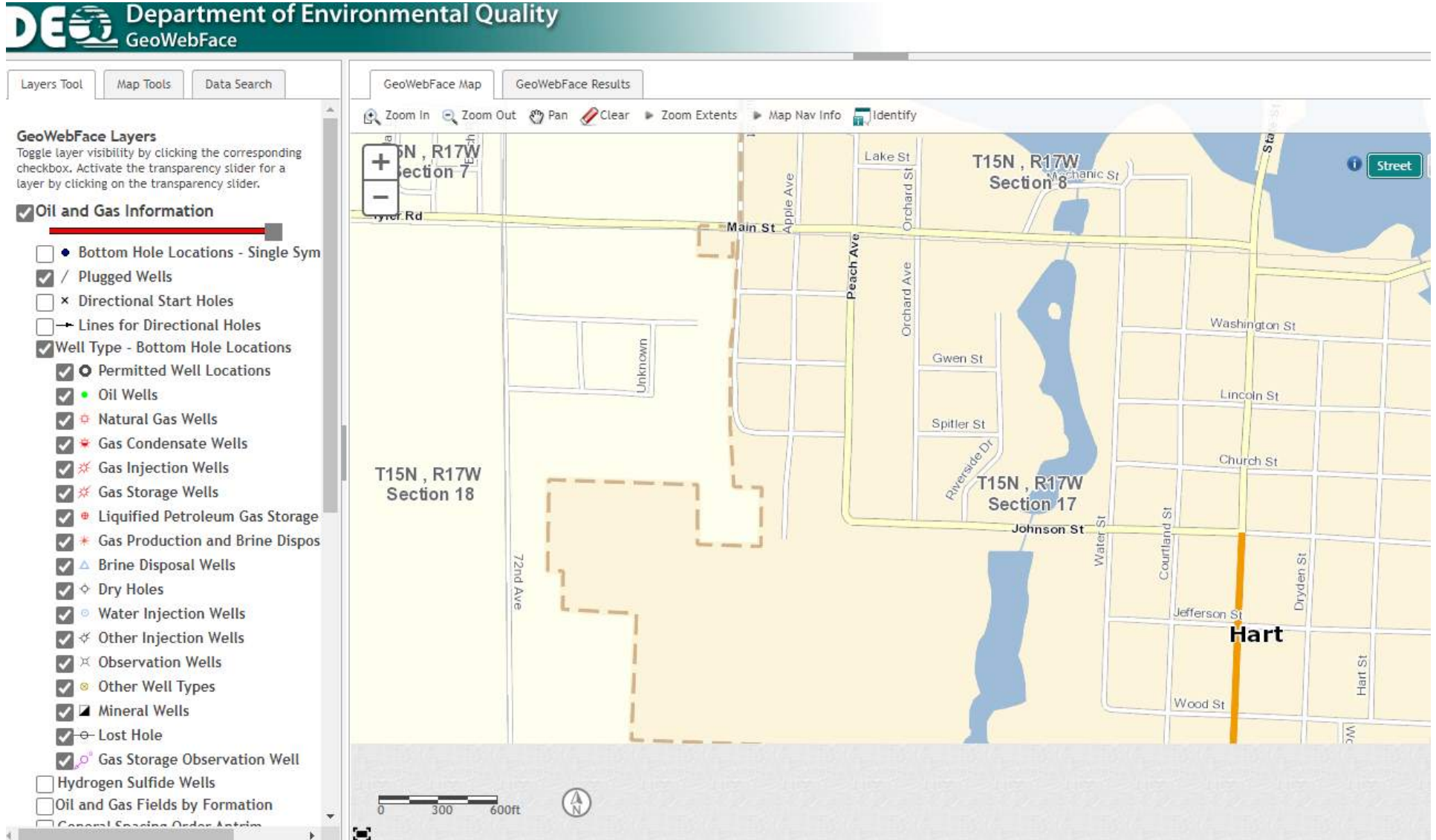


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

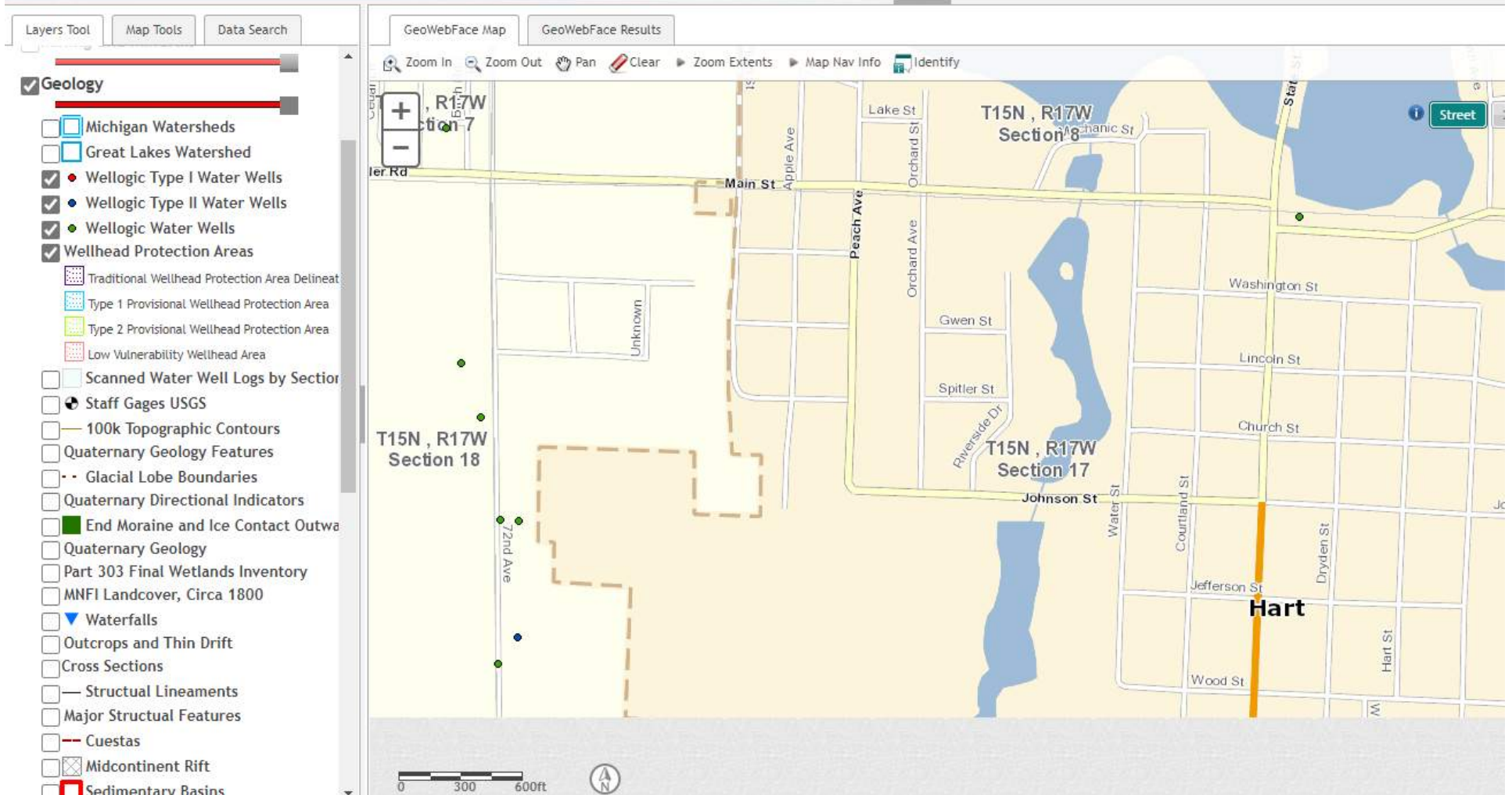
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Facility ID:	EPA ID:	Facility Name:	LUST Name:	Regulatory Program:	Full Address:	City:	County:
64000124		227 East Main Street, Hart, MI 49420		201	227 East Main Street, Hart, MI, 49420	Hart	Oceana
00040604		Ford Garage	City Of Hart - Ford Garage	213	151 W MAIN ST, HART, MI, 49420	HART	Oceana



3 East Main Street – NW 1/4 of NE 1/4, Section 17, T15N, R17W, City of Hart, Oceana County



3 East Main Street – NW 1/4 of NE 1/4, Section 17, T15N, R17W, City of Hart, Oceana County



Search Results - 35 Records Returned

	Type	Well ID	County	Well Address	WSSN	Source ID/ Well No.	Township	Section	Well Depth	Static Water Level	Date Constructed	Submitted By
<input type="checkbox"/>	WW	<a href="#">64000001796</a>	Oceana				Hart	17	46.00	29.00	11/8/1983	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001797</a>	Oceana				Hart	17	50.00	30.00	10/4/1982	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001798</a>	Oceana				Hart	17	50.00	25.00	10/26/1981	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001799</a>	Oceana				Hart	17	50.00	20.00	11/5/1980	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001800</a>	Oceana				Hart	17	50.00	35.00	11/9/1979	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001801</a>	Oceana				Hart	17	50.00	32.00	12/12/1972	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001802</a>	Oceana				Hart	17	48.00	25.00	1/3/1973	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001803</a>	Oceana				Hart	17	86.00	30.00	11/12/1967	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001804</a>	Oceana				Hart	17	103.00	11.00	10/23/1969	Local Health Department
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<input type="checkbox"/>	WW	<a href="#">64000001806</a>	Oceana				Hart	17	44.00	27.00	1/11/1973	Local Health Department
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<input type="checkbox"/>	WW	<a href="#">64000001811</a>	Oceana				Hart	17	46.00	29.00	10/27/1987	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001812</a>	Oceana				Hart	17	50.00	26.00	4/13/1988	Local Health Department
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<input type="checkbox"/>	WW	<a href="#">64000001814</a>	Oceana	3890 MEADOWBROOK LANE			Hart	17	95.00	40.00	3/9/1988	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001815</a>	Oceana	72ND AVE.			Hart	17	90.00	55.00	4/18/1991	Local Health Department
<input type="checkbox"/>	WW	<a href="#">64000001817</a>	Oceana	3900 MEADOWBROOK LANE			Hart	17	93.00	46.00	12/30/1991	Local Health Department
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<input type="checkbox"/>	WW	<a href="#">64000001819</a>	Oceana	HART WELL #4 (North Valley)	3060	HART WELL #4 (North Valley)	Hart	17	95.00	14.00	1/1/1967	Local Health Department
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<input type="checkbox"/>	WW	<a href="#">64000004735</a>	Oceana	2852 N 72nd Avenue	2023064	001	Hart	17	91.00	24.00	4/14/1992	State of Michigan
<input type="checkbox"/>	WW	<a href="#">64000005396</a>	Oceana	2670 72ND AVE			Hart	17	100.00	30.00	8/2/2005	State of Michigan
<input type="checkbox"/>	WW	<a href="#">64000005438</a>	Oceana	3945 WEST MEADOW BROOK LANE			Hart	17	103.00	53.00	10/13/2005	State of Michigan
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<input type="checkbox"/>	WW	<a href="#">64000006774</a>	Oceana	3910 Melody Lane			Hart	17	61.00	34.00	12/2/2011	Contractor
<input type="checkbox"/>	WW	<a href="#">64000008186</a>	Oceana	3986 W. MELODY LN			Hart	17	103.00	20.00	10/6/2019	Contractor

[Select All](#)

[View/Print All Selected](#)

**Appendix E**

**Historical Topographic Maps and Certified Sanborn® Map Report**

3 East Main - Hart

3 East Main Street

Hart, MI 49420

Inquiry Number: 6550291.4

June 23, 2021

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

06/23/21

**Site Name:**

3 East Main - Hart  
3 East Main Street  
Hart, MI 49420  
EDR Inquiry # 6550291.4

**Client Name:**

Westshore Engineering & Surv.  
2534 Black Creek Road  
Muskegon, MI 49444  
Contact: Adam Mulling



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Westshore Engineering & Surv. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	04496-0001	<b>Latitude:</b>	43.702845 43° 42' 10" North
<b>Project:</b>	3 East Main - Hart	<b>Longitude:</b>	-86.36521 -86° 21' 55" West
		<b>UTM Zone:</b>	Zone 16 North
		<b>UTM X Meters:</b>	551147.09
		<b>UTM Y Meters:</b>	4839065.12
		<b>Elevation:</b>	654.47' above sea level

**Maps Provided:**

2014  
1983  
1959  
1931

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## Topo Sheet Key

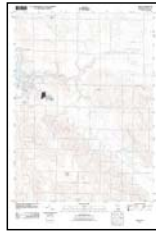
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2014 Source Sheets



Mears

7.5-minute, 24000



Hart

7.5-minute, 24000

### 1983 Source Sheets



Mears

7.5-minute, 25000  
Aerial Photo Revised 1977



Hart

7.5-minute, 25000  
Aerial Photo Revised 1977

### 1959 Source Sheets



Hart

15-minute, 62500  
Aerial Photo Revised 1955

### 1931 Source Sheets



Hart NE

7.5-minute, 31680

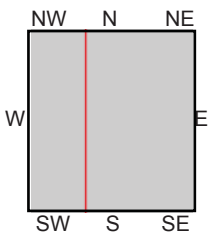
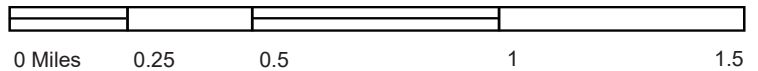


Hart NW

7.5-minute, 31680



This report includes information from the following map sheet(s).

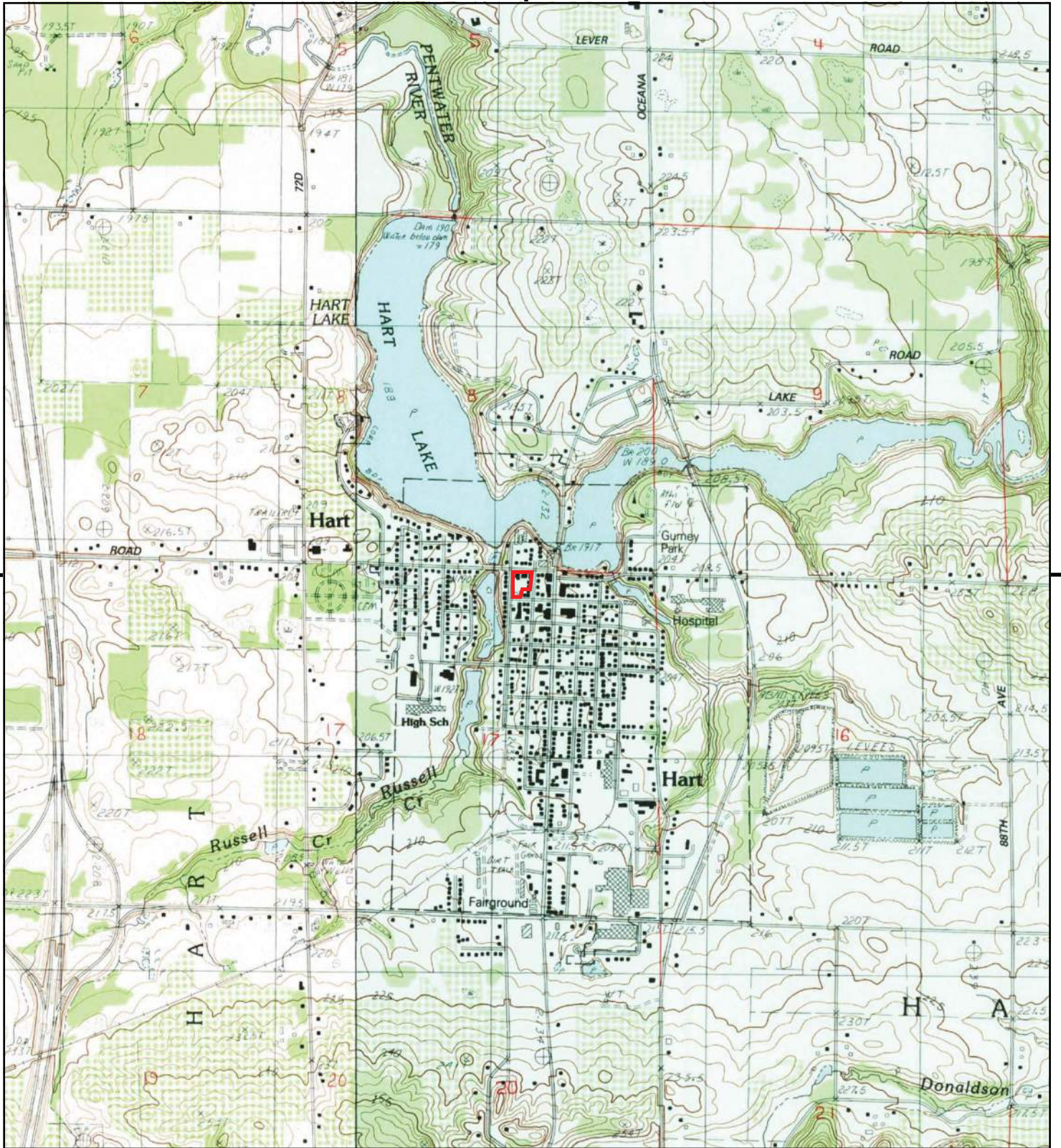


TP, Hart, 2014, 7.5-minute  
W, Mears, 2014, 7.5-minute

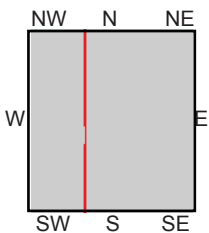
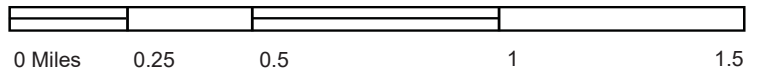
SITE NAME: 3 East Main - Hart  
ADDRESS: 3 East Main Street  
Hart, MI 49420  
CLIENT: Westshore Engineering & Surv.







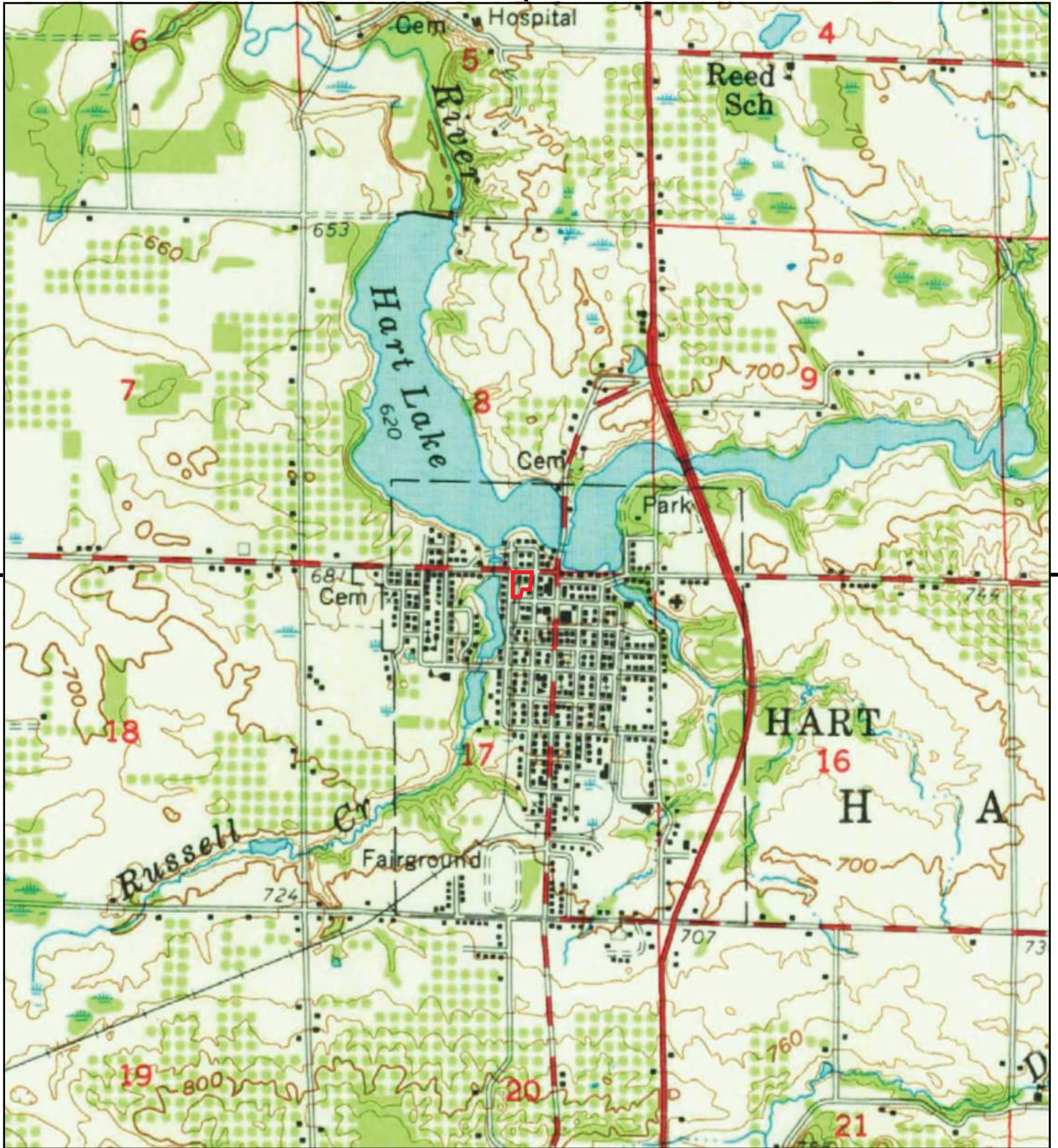
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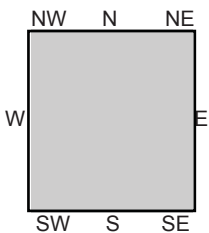
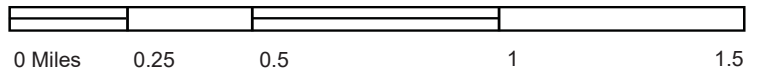
TP, Hart, 1983, 7.5-minute  
W, Mears, 1983, 7.5-minute

SITE NAME: 3 East Main - Hart  
ADDRESS: 3 East Main Street  
Hart, MI 49420  
CLIENT: Westshore Engineering & Surv.





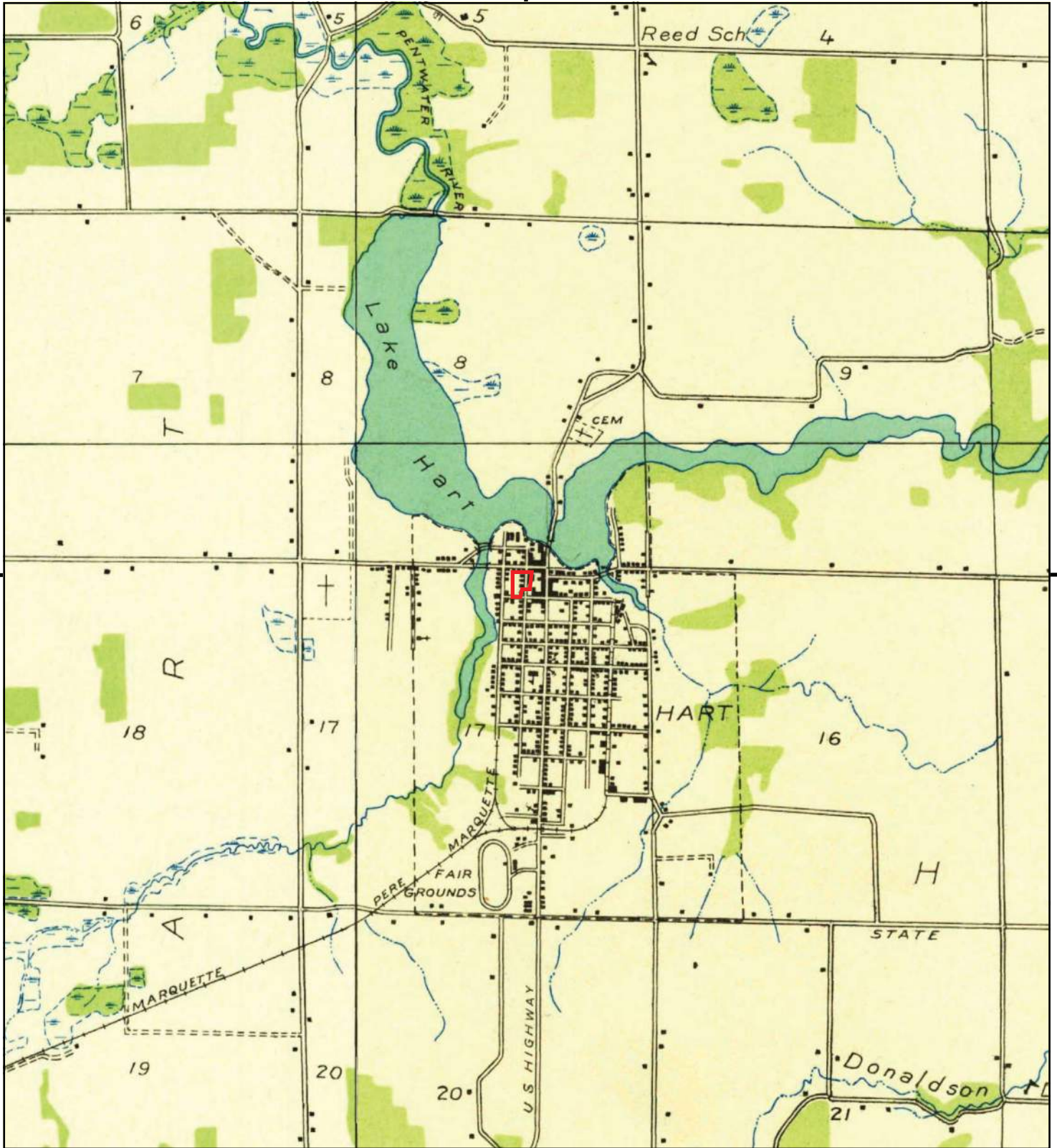
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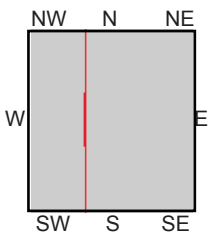
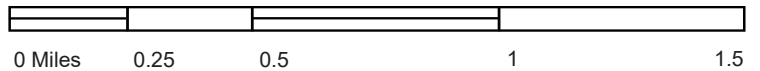
TP, Hart, 1959, 15-minute

SITE NAME: 3 East Main - Hart  
 ADDRESS: 3 East Main Street  
 Hart, MI 49420  
 CLIENT: Westshore Engineering & Surv.





This report includes information from the following map sheet(s).



TP, Hart NE, 1931, 7.5-minute  
W, Hart NW, 1931, 7.5-minute

SITE NAME: 3 East Main - Hart  
ADDRESS: 3 East Main Street  
Hart, MI 49420  
CLIENT: Westshore Engineering & Surv.



3 East Main - Hart

3 East Main Street

Hart, MI 49420

Inquiry Number: 6550291.3

June 24, 2021

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

06/24/21

**Site Name:**

3 East Main - Hart  
3 East Main Street  
Hart, MI 49420  
EDR Inquiry # 6550291.3

**Client Name:**

Westshore Engineering & Surv.  
2534 Black Creek Road  
Muskegon, MI 49444  
Contact: Adam Mulling



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**Certified Sanborn Results:**

**Certification #** CD12-4F8B-AE56  
**PO #** 04496-0001  
**Project** 3 East Main - Hart

**Maps Provided:**

1946  
1930  
1920  
1910  
1900  
1894



Sanborn® Library search results

Certification #: CD12-4F8B-AE56

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1946 Source Sheets



Volume 1, Sheet Keymap/Sheet 1

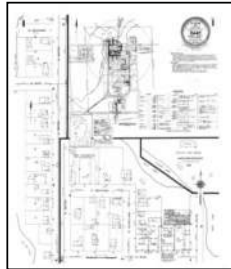


Volume 1, Sheet 2

### 1930 Source Sheets

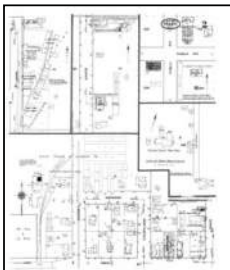


Volume 1, Sheet 2



Volume 1, Sheet Keymap/Sheet 1

### 1920 Source Sheets



Volume 1, Sheet 2



Volume 1, Sheet 3

### 1910 Source Sheets



Volume 1, Sheet 2

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1900 Source Sheets

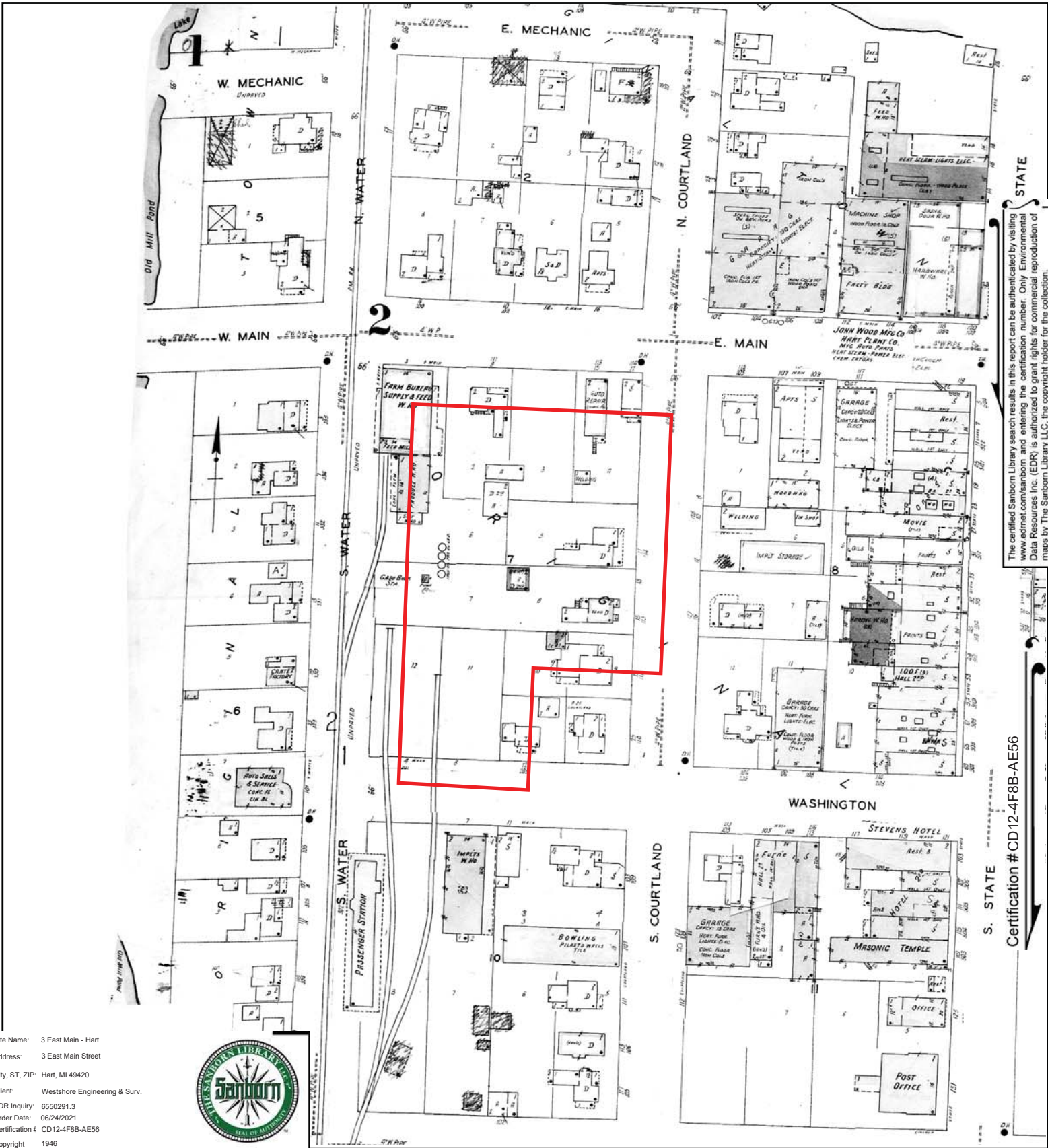


Volume 1, Sheet 2

### 1894 Source Sheets



Volume 1, Sheet 1

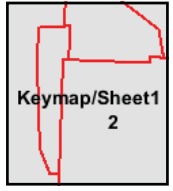
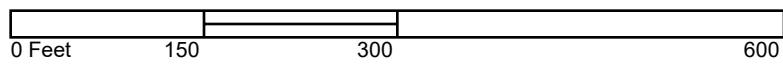


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Site Name: 3 East Main - Hart  
 Address: 3 East Main Street  
 City, ST, ZIP: Hart, MI 49420  
 Client: Westshore Engineering & Surv.  
 EDR Inquiry: 6550291.3  
 Order Date: 06/24/2021  
 Certification #: CD12-4F8B-AE56  
 Copyright: 1946



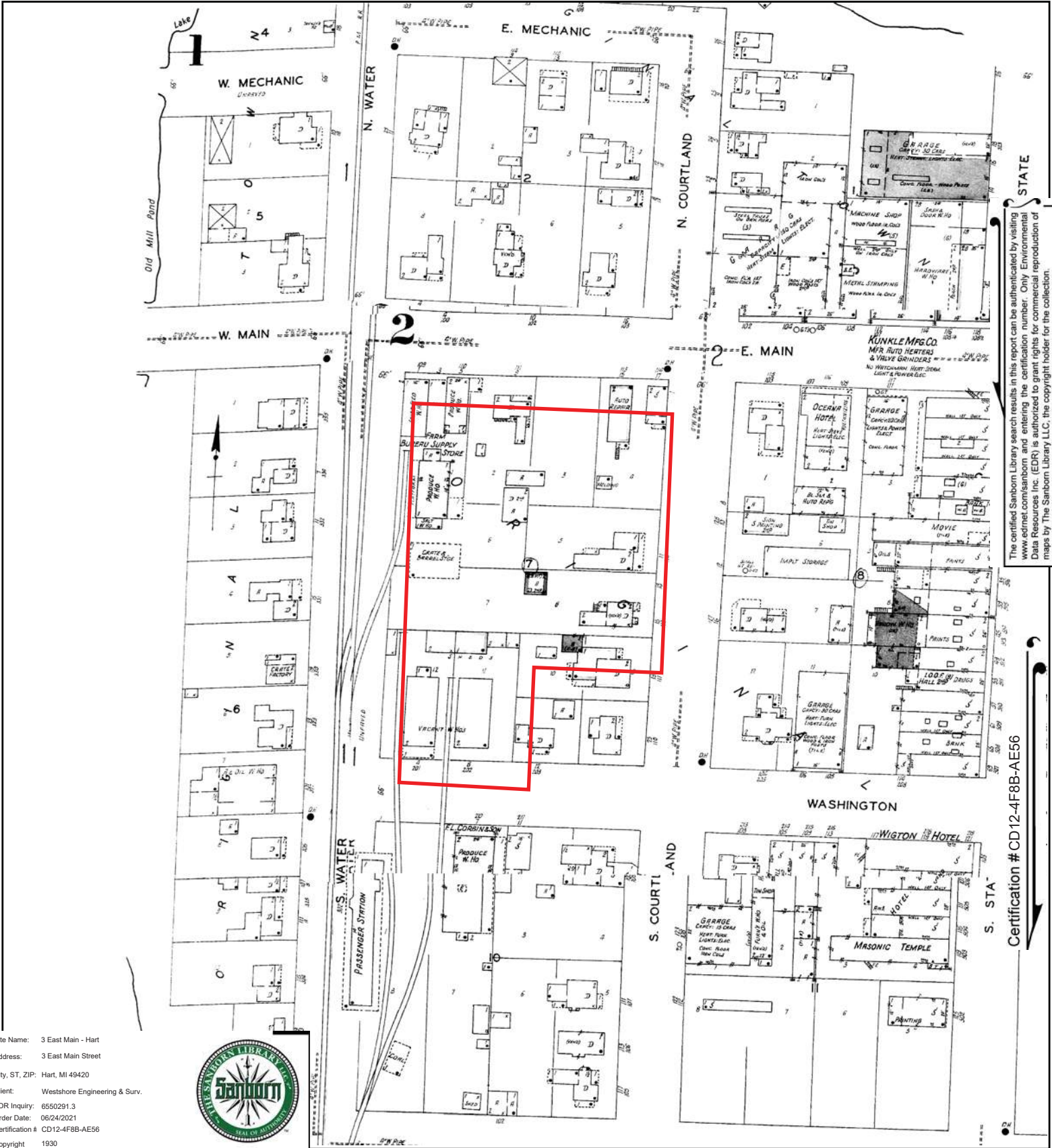
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Volume 1, Sheet 2  
 Volume 1, Sheet Keymap/Sheet1







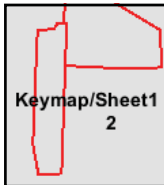
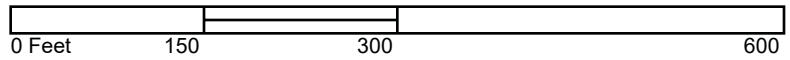
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Certification #CD12-4F8B-AE56

Site Name: 3 East Main - Hart  
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 Client: Westshore Engineering & Surv.  
 EDR Inquiry: 6550291.3  
 Order Date: 06/24/2021  
 Certification # CD12-4F8B-AE56  
 Copyright 1930

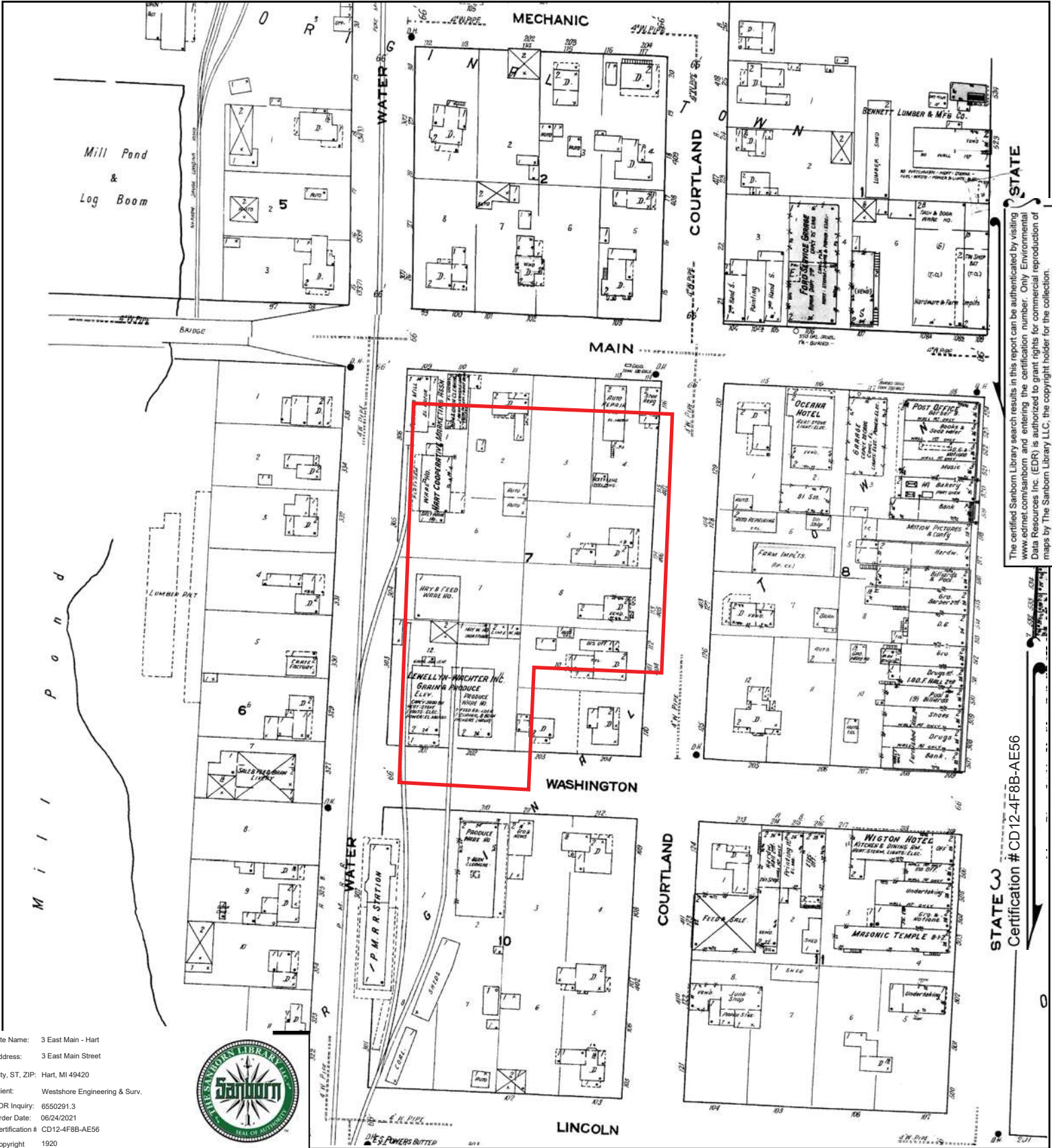


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet Keymap/Sheet1  
 Volume 1, Sheet 2





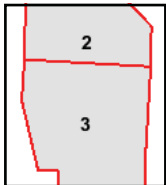
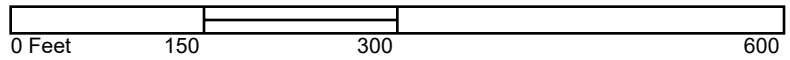
STATE  
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STATE  
 Certification # CD12-4F8B-AE56

Site Name: 3 East Main - Hart  
 Address: 3 East Main Street  
 City, ST, ZIP: Hart, MI 49420  
 Client: Westshore Engineering & Surv.  
 EDR Inquiry: 6550291.3  
 Order Date: 06/24/2021  
 Certification # CD12-4F8B-AE56  
 Copyright 1920

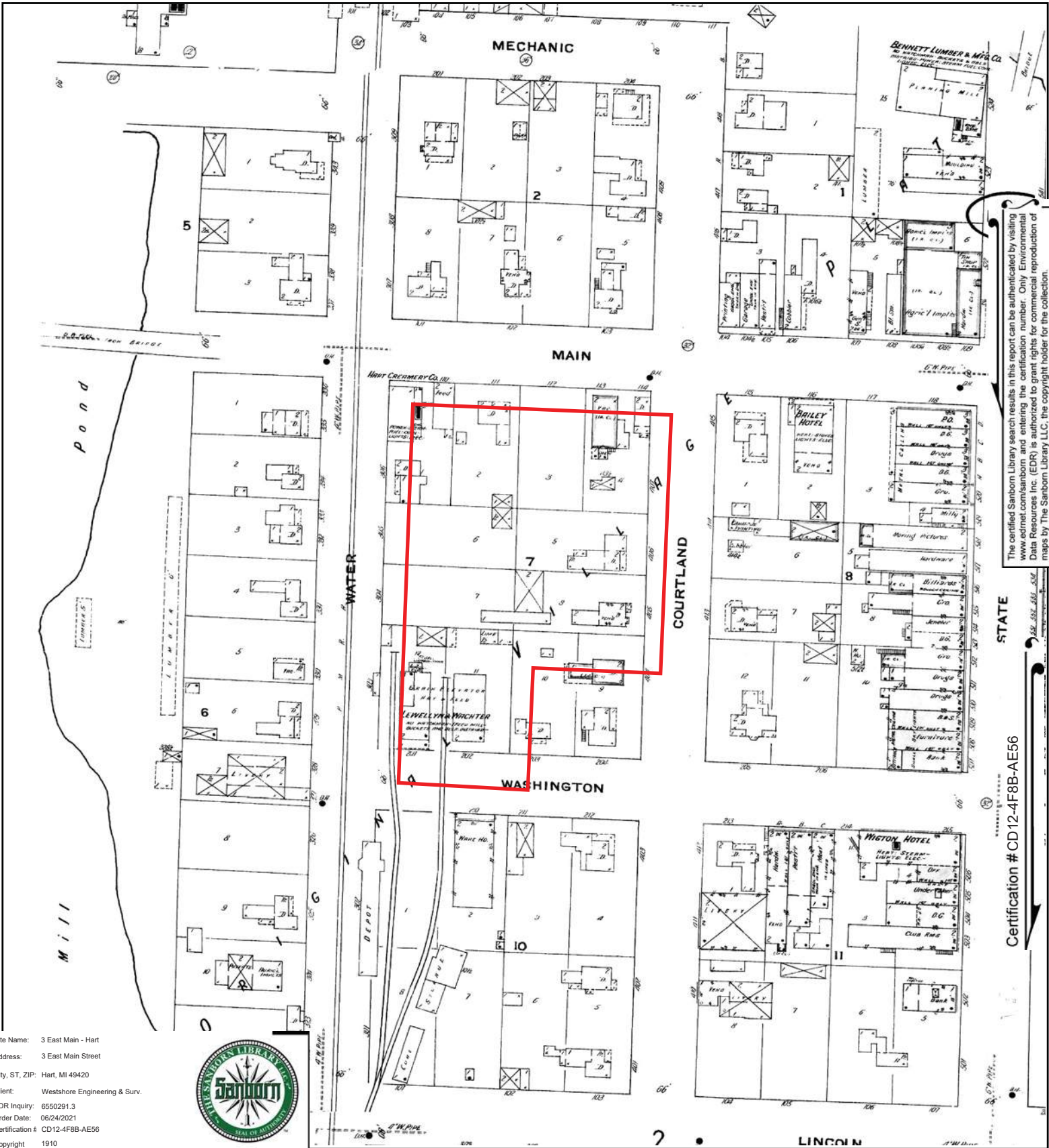


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 3  
 Volume 1, Sheet 2





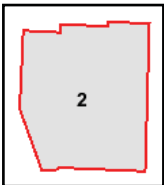
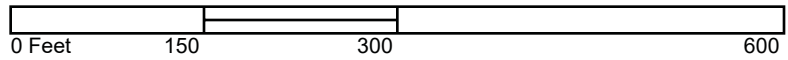
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STATE  
Certification # CD12-4F8B-AE56

Site Name: 3 East Main - Hart  
 Address: 3 East Main Street  
 City, ST, ZIP: Hart, MI 49420  
 Client: Westshore Engineering & Surv.  
 EDR Inquiry: 6550291.3  
 Order Date: 06/24/2021  
 Certification # CD12-4F8B-AE56  
 Copyright 1910

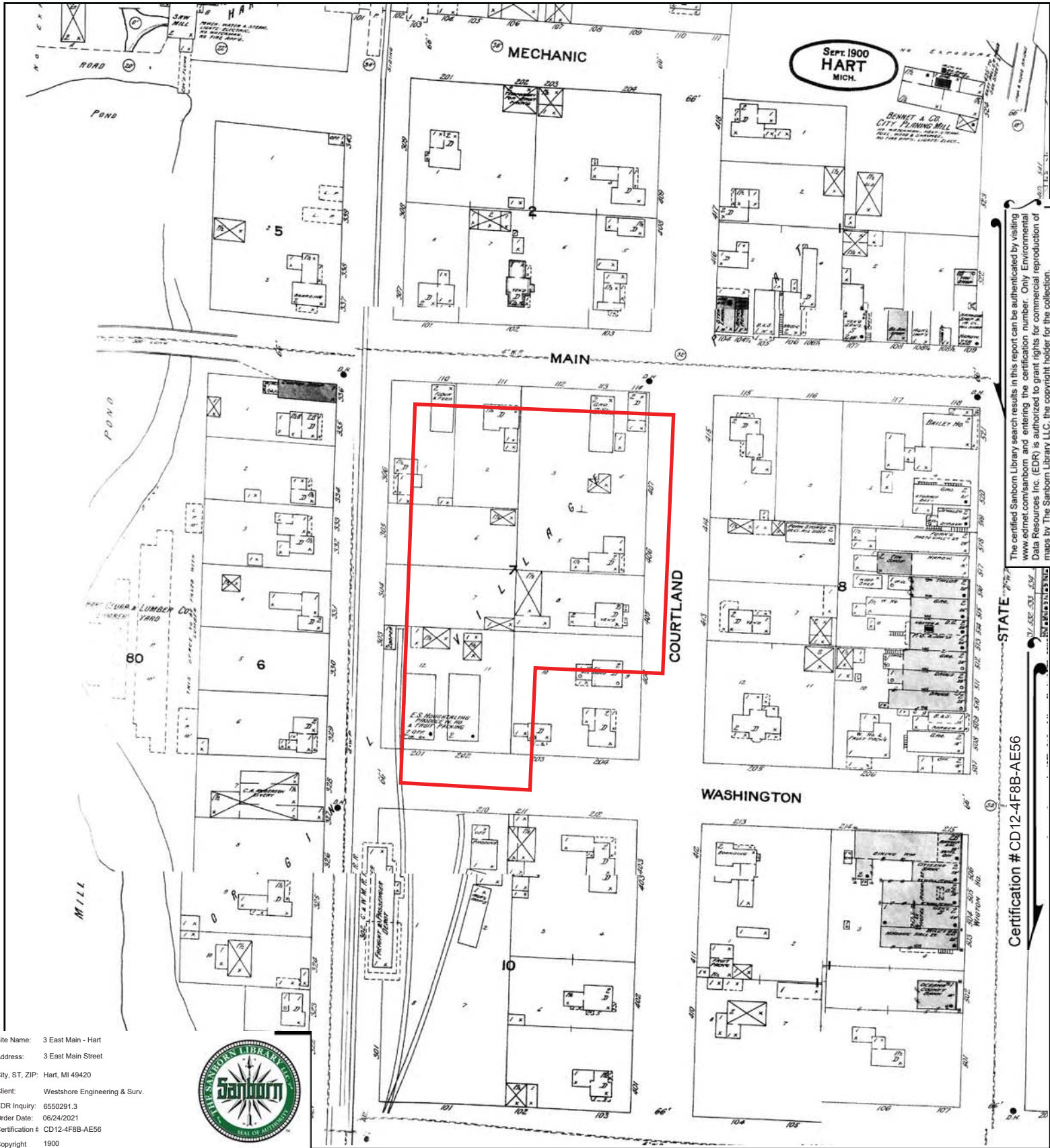


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2



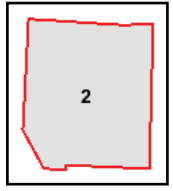
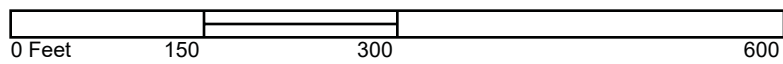


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Site Name: 3 East Main - Hart  
 Address: 3 East Main Street  
 City, ST, ZIP: Hart, MI 49420  
 Client: Westshore Engineering & Surv.  
 EDR Inquiry: 6550291.3  
 Order Date: 06/24/2021  
 Certification #: CD12-4F8B-AE56  
 Copyright: 1900

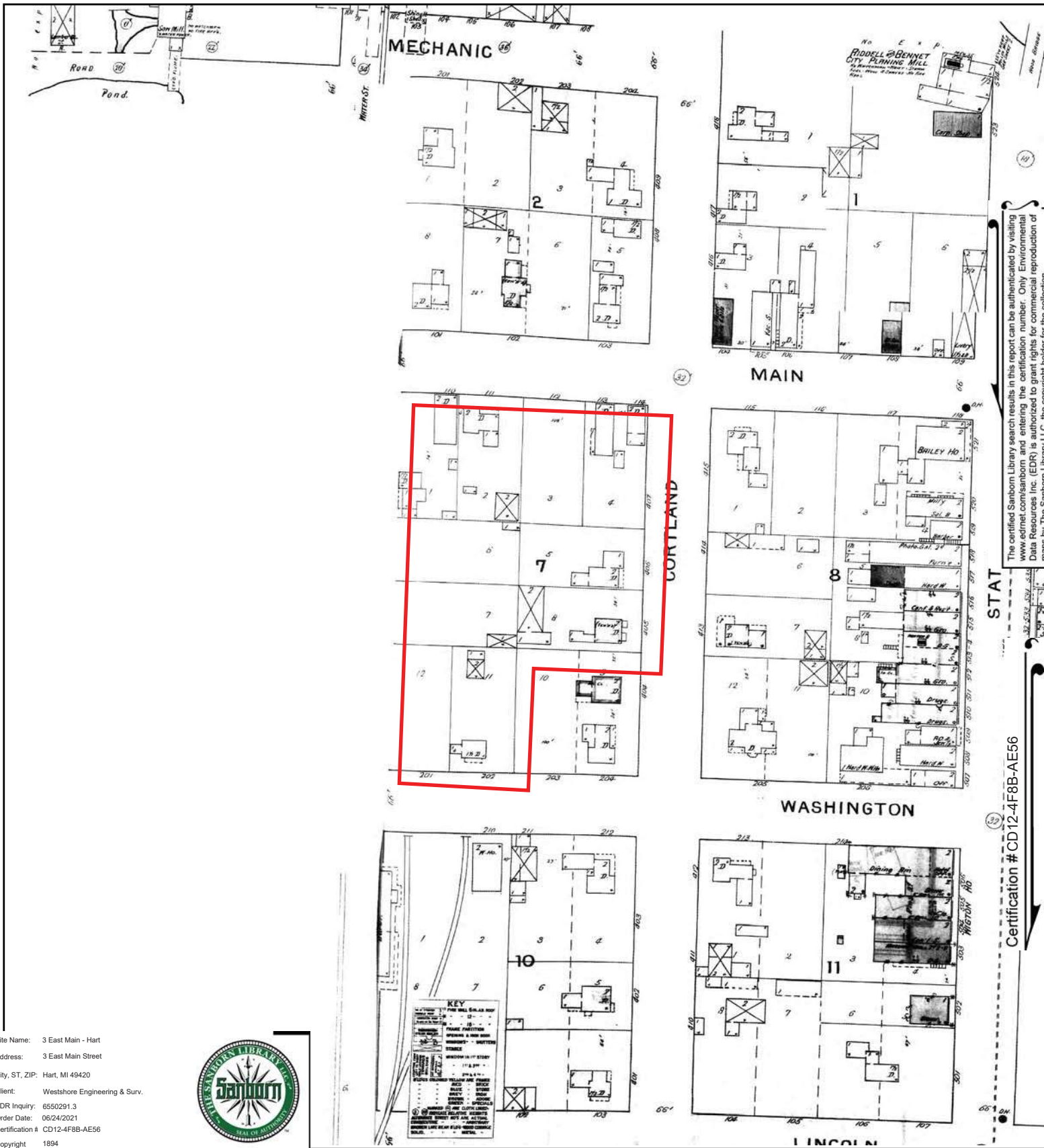


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.

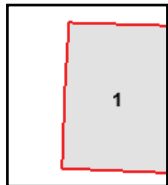


Volume 1, Sheet 2





This Certified Sanborn Map combines the following sheets.  
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 1

**Appendix F**

**Historical Aerial Photographs**



**3 East Main - Hart**

3 East Main Street

Hart, MI 49420

Inquiry Number: 6550291.8

June 23, 2021

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

**Site Name:**

3 East Main - Hart  
 3 East Main Street  
 Hart, MI 49420  
 EDR Inquiry # 6550291.8

**Client Name:**

Westshore Engineering & Surv.  
 2534 Black Creek Road  
 Muskegon, MI 49444  
 Contact: Adam Mulling



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: January 01, 1999	USGS/DOQQ
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1986	1"=500'	Flight Date: June 03, 1986	USDA
1977	1"=500'	Flight Date: April 29, 1977	USGS
1972	1"=500'	Flight Date: June 04, 1972	USDA
1965	1"=500'	Flight Date: July 25, 1965	USDA
1955	1"=500'	Flight Date: April 23, 1955	USGS
1938	1"=500'	Flight Date: July 29, 1938	USGS

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

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INQUIRY #: 6550291.8

YEAR: 2016

— = 500'



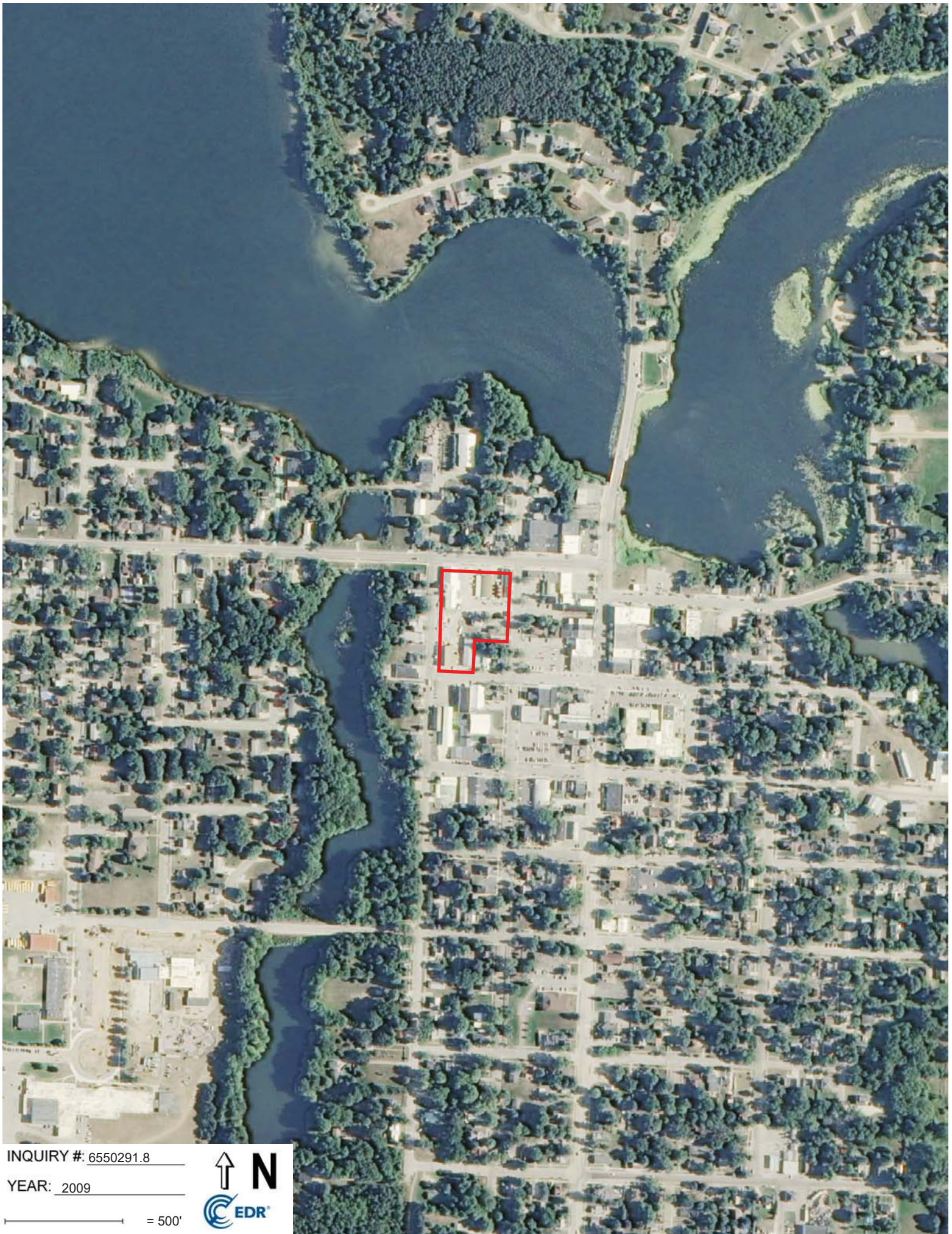


INQUIRY #: 6550291.8

YEAR: 2012

— = 500'





INQUIRY #: 6550291.8

YEAR: 2009

— = 500'





INQUIRY #: 6550291.8

YEAR: 2006

— = 500'





INQUIRY #: 6550291.8

YEAR: 1999

— = 500'





INQUIRY #: 6550291.8

YEAR: 1993

— = 500'





INQUIRY #: 6550291.8

YEAR: 1986

— = 500'





INQUIRY #: 6550291.8

YEAR: 1977

— = 500'







INQUIRY #: 6550291.8

YEAR: 1972

— = 500'





INQUIRY #: 6550291.8

YEAR: 1965

— = 500'





INQUIRY #: 6550291.8

YEAR: 1955

 = 500'





INQUIRY #: 6550291.8

YEAR: 1938

— = 500'



**Appendix G**

**City Directory Image Report**

**3 East Main - Hart**  
3 East Main Street  
Hart, MI 49420

Inquiry Number: 6550291.5  
June 29, 2021

## The EDR-City Directory Image Report



Environmental Data Resources Inc

6 Armstrong Road  
Shelton, CT 06484  
800.352.0050  
www.edrnet.com

### TABLE OF CONTENTS

#### SECTION

Executive Summary  
Findings  
City Directory Images

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive

## FINDINGS

### TARGET PROPERTY STREET

3 East Main Street  
Hart, MI 49420

Year	CD Image	Source
2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A11	EDR Digital Archive
2005	pg A16	EDR Digital Archive
2000	pg A21	EDR Digital Archive
1995	pg A25	EDR Digital Archive
1992	pg A29	EDR Digital Archive

### E MAIN ST

**FINDINGS**

**CROSS STREETS**

**Year**      **CD Image**      **Source**

**S COURTLAND ST**

2017      pg. A4      EDR Digital Archive  
2014      pg. A8      EDR Digital Archive  
2010      pg. A13      EDR Digital Archive  
2005      pg. A19      EDR Digital Archive  
2000      pg. A23      EDR Digital Archive  
1995      pg. A27      EDR Digital Archive  
1992      pg. A31      EDR Digital Archive

**W MAIN ST**

2017      pg. A5      EDR Digital Archive  
2014      pg. A10      EDR Digital Archive  
2010      pg. A15      EDR Digital Archive  
2005      pg. A20      EDR Digital Archive  
2000      pg. A24      EDR Digital Archive  
1995      pg. A28      EDR Digital Archive  
1992      pg. A32      EDR Digital Archive

**City Directory Images**



**E MAIN ST 2017 (Cont'd)**

701 OCEANA COUNTY MEDICAL CARE FACILITY  
 710 BENHAMI, LINDA J  
 CHAPMAN, MELISSA  
 COOK, AMBER N  
 DRAKE, DANNY  
 FORD, DONALD J  
 FORD, ERIN L  
 GARCIA, BECCA  
 GAWRONSKI, JOANN  
 GLEASON, KEVIN C  
 HART HOUSING CO  
 HECKMAN, SEAN  
 JOHNSON, RAYMOND N  
 KELLAMS, ANGELA  
 LAMBRIX, DONALD F  
 LEFEVER, JASON A  
 LOVE, ARTHUR V  
 MEAD, MARY L  
 MILLER, GREGORY L  
 NIEMAN, JANET  
 OPRAND, IONE M  
 PETERSON, KEELI J  
 SCHULTZ, IMO J  
 SCRIPTER, HELEN M  
 SIMONSON, DAVID D  
 STAHL, FRANCIS C  
 VALLEY, JEFFREY L  
 VANDERLAAN, RHONDA K  
 WHITEHILL, ROY B  
 WILSON, VEL  
 WOODLEY, DAWN L  
 ZAMBOROWSKI, MICHELE

**E MAIN ST 2017**

3 NORTH CENTRAL COOP  
 10 MARTINEZ, DAVID  
 14 ESPINOZA, ITZEL A  
 16 PETERSON, THOMAS E  
 105 HART PIZZA  
 109 AMERICAS FITNESS CENTER  
 112 HEGGS FURNITURE  
 211 SCHOONERS  
 213 OCEANA GRAPHICS  
 215 DEERPATH TECHNOLOGIES  
 OCEANA GRAPHICS  
 TECH CENTERS  
 217 ROSE MARIES FLORAL SHOP  
 219 SIMON, JAMES A  
 220 HOLCOMB, MATT  
 222 HITCHCOCK, GERALD M  
 308 PARSONS, KELLY  
 311 HART MUSIC SHOP  
 315 COOK, CHRISTIAN P  
 316 FLORES, EVA  
 320 ROGERS, LONNIE  
 504 BABINEC, MARK E  
 505 LONGCORE, BUTCH E  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL M  
 510 AMSTUTZ, MATHEW R  
 513 SULLIVAN, CHARLES E  
 514 TREJO, GISELA  
 524 BUOZIS, DAVID J  
 520 MCCULLEY, DANIEL K  
 601 LAKESIDE REHAB FAMILY FITNESS & WELL  
 ALBRECHT, DONALD D  
 611 ANN BLACKTOP ACSW  
 BLACKTOP, ANN M  
 BUCK, CHRISTY  
 CHERRY BLOSSOM MANOR  
 CHERRY, BLOSSOM  
 CHRISTOPHER ULRICH PA C  
 CONSTANCE W STRBICH DO  
 CYNTHIA OCHS DO  
 HART FAMILY MEDICAL  
 HART FAMILY MEDICAL CENTER PC  
 JENNIFER PA TATE C  
 KAHLE, J  
 MARY VERMEULEN LMSW  
 PAUL WAGNER DO  
 POWERS, EVELYN L  
 RUDY OCHS DO  
 SJS INVESTORS CO  
 621 OCEANA COUNTY COUNCIL ON AGING

Target Street

Cross Street

Source

EDR Digital Archive

2017

S COURTLAND ST

13 WOODRUFF, TINA L  
 15 HAMILTON, LORRIE L  
 MAYNARD, TARA L  
 19 LIPPS, LAWRENCE T  
 25 LORENZ, MICHAEL R  
 103 SALINAS, JESUS C  
 104 BEAULEAU, STEPHANIE  
 FATSEAS, TYLER M  
 VARGAS, C  
 209 HARTER, KRISTIE  
 214 MCDANOLD, DOUGLAS B  
 215 COFER, ROBERTA  
 303 ALLAN, MARTIN D  
 305 LAURAIN, ROBIN  
 UMSTEAD, G  
 UMSTEAD, MARIELLA  
 WALKER, GRANVILL  
 311 IRVIN, BRIAN K  
 312 BROWN, ALEXANDER  
 315 MEAD, CRYSTAL  
 316 SALGADO, EFREN  
 411 ASTRZEMBSKI, CHARLE W  
 503 FLORES, SUSAN M  
 507 ZUNIGA, SHAWNA M  
 511 LINDLEY, STEPHEN R  
 512 INGALLS, KELLI  
 515 SANDOVAL, MARIO  
 516 MORALES, MANDY  
 519 SALAZAR, ROBERT  
 523 GALVAN, LAURA L  
 614 MCCLELLAN, CURTIS R  
 709 ZELLER, CHRISTIA T  
 713 SOTELO-LEGUIZAMO, ESPERANZA  
 714 BEYER, TIMOTHY L  
 716 TOLEDANO, JAVIER  
 718 SCHANER, LESTERE  
 720 RITCHIE, GLORIA L  
 728 STAHL, PATRICIA L  
 799

Target Street

Cross Street

Source

EDR Digital Archive

2017

W MAIN ST

2 BROWN, HERM  
 ISLEY, DAVID A  
 SCHAR, JAMES H  
 WARWICK, LINZY  
 GREINER, ANGIE A  
 21 GALE, JONATHAN C  
 24 CRUMB, RICHARD W  
 140 CARRIER, JARED A  
 141 RAAP, SCOTT  
 150 SANCHEZ, RAMIRO  
 BRIMMER, CHARLES C  
 151 CHUCKS PLUMBING & HEATING  
 UNITED STATES GOVERNMENT  
 160 GILBERT, NORMA A  
 161 GALE, LYLE D  
 170 STEWART, BEN J  
 180 ZARZOZA, JESUS  
 181 MENDEZ, PEGGY S  
 190 THOCHER, CHRISTOPHER T  
 260 PETERS, TERRY L  
 261 WILDE, IVAN  
 270 BUTLER, RUSSELL J  
 280 HERRERA, LYNDA S  
 350 GORDON, PHILIP M  
 351 GALINDO, ABDON  
 361 RUSSELL, DANIEL R  
 450 GERMAN, MICHELE M  
 461 WALSWORTH, DUSTIN M  
 471

611 TATE, JENNIFER PAC  
 ULRICH CHRISTOPHER PAC  
 WAGNER PAUL DO  
 OCEANA COUNTY COUNCIL ON AGING  
 621 REVILLA, ANTONIO J  
 633 OCEANA COUNTY MEDICAL CARE FACILITY  
 701 ARQUETTE, DEBORAH L  
 710 BATTICE, DUANE S  
 BENHAM, LINDA J  
 BRUBAKER, BRADLEY  
 COOK, AMBER N  
 DAVIS, KASEY  
 ESTABROOK, CHERY L  
 FATSEAS, THOMAS  
 FORBES, NANCY A  
 FORD, JACK  
 GAWRONSKI, JOANN  
 HART HOUSING CO  
 HOEKWATER, AARON  
 JAMES, BRIAN M  
 KEENA, CHARLENE  
 LAMEPIX, DONALD  
 LEISTER, TINA R  
 LOMBARD, ALLEN J  
 MEAD, MARY L  
 MILLER, GREGORY L  
 NIEMAN, JANET  
 OPGRAND, IONE M  
 PURDY, NORMA J  
 SCHULTZ, IMOJEAN J  
 SNYDER, DIANA L  
 SPAFINSKI, JASON K  
 STEWART, MARTY F  
 VANDERLAAN, RHONDA K  
 VANDERZANDEN, BRIAN C  
 VARENHORST, JOHN H  
 WILSON, VEL  
 WOODLEY, DAWN L  
 ZAMBOROWSKI, RICHARD J

3 NORTH CENTRAL COOP  
 4 TURNER, JR  
 10 MARTINEZ, DAVID  
 16 PETERSON, THOMAS E  
 105 HART PIZZA  
 107 BROWN CHIROPRACTIC & WELLNESS CENTER  
 BROWN DOUGLAS S DC  
 BROWN FAMILY CHIROPRACTIC PC  
 109 AMERICAS FITNESS CENTER  
 112 HEGGS FURNITURE  
 207 SHEAR PERFECTIONS  
 211 SCHOONERS  
 215 OCEANA GRAPHICS  
 217 ROSE MARIES FLORAL SHOP  
 218 DEBS LAKESIDE CAFE  
 219 BALL, LEE M  
 220 HOLCOMB, MATTHEW W  
 222 HITCHCOCK, GERALD M  
 RAMIREZ, YOLANDA  
 308 PARSONS, KELLY  
 WALKER, BARBARA A  
 315 COOK, CHRISTIAN P  
 316 SALAZAR, GERARD  
 320 OCCUPANT UNKNOWN,  
 324 DEROSE, NANCY  
 326 STEVENS, LAWRENCE J  
 501 AMSTUTZ, A  
 504 BABINEC, MARK E  
 505 GUERTIN, RICHARD  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL M  
 510 AMSTUTZ, MATHEW R  
 514 HERNANDEZ, ROSA  
 520 BUOZIS, DAN J  
 524 MCCULLEY, DANIEL K  
 601 LAKESIDE COMPREHENSIVE REHABILITATIO  
 611 ALBRECHT, DONALD D  
 ANDERSEN, ORVAL L  
 BAKKER, MARIJO  
 BLACKTOP ANN LMSW  
 CHERRY BLOSSOM MANOR  
 CHRISTMAN, ROGER J  
 CLARK, EVELYN M  
 HART FAMILY MEDICAL  
 HART FAMILY MEDICAL CENTER  
 OCHS RUDY DO  
 POWERS, EVELYN L  
 SEAMAN, ESTHER  
 SJS INVESTORS CO  
 STAHELIN, GLENNA

Target Street

Cross Street

Source

EDR Digital Archive

2014

S COURTLAND ST

Target Street

Cross Street

Source

EDR Digital Archive

2014

S COURTLAND ST

(Cont'd)

13	HARFORD, RAY
	LENON, RICK
	NEWTON, GABRIELLE
15	MAYNARD, TARA L
19	LIPPS, LAWRENCE T
25	LORENZ, MICHAEL R
103	AROCHO, VICTOR
	BEYER, CARL P
	MCCANN, JEFF
104	SALINAS, JESUS C
	FATSEAS, CAREY M
	FLORES, RICK
	ORTEGA, PABLO
	VARGAS, C
113	FULLER, KIM M
132	MONCADA, CANDELARIO
201	SILLMAN, AMANDA
214	MCDANOLD, DOUGLAS B
215	OUR FRIENDS HOUSE
303	KRUEGER, CARL S
	STREETER, CHRISTINA J
305	HELMLINGER, DEANNA
	LAURAIN, ROBIN
	TANNER, JONATHAN A
	UMSTEAD, RICHARD C
308	METTS, MARK
311	ROOT, GERALD W
312	IRVIN, BECKY
315	OCCUPANT UNKNOWN,
316	MEAD, CRYSTAL
407	OCCUPANT UNKNOWN,
411	SALGADO, EFREN
417	OCCUPANT UNKNOWN,
423	STANFIELD, BAMBI L
503	JASTRZEMBSKI, MATTHEW H
507	OCCUPANT UNKNOWN,
511	OCCUPANT UNKNOWN,
	VARENHORST, JOHN
512	LINDLEY, STEPHEN R
513	RAMIREZ, LAZARO
516	ABBOTT, JUAN C
519	ROUTLEY, SCOTT A
523	SALAZAR, JUAN H
603	REEDS, EDGAR A
614	FLORES, BIANCA
623	OCCUPANT UNKNOWN,
701	WILKES, NICHOLAS
702	MULL, RAYMOND L
709	MCCLELLAN, CURTIS R
713	ZELLER, CHRISTIA T

714	OCCUPANT UNKNOWN,
716	BEYER, TIMOTHY L
718	TREVINO, MARIA C
719	RIGGS, LLOYD
720	SCHANER, LESTER E
728	RITCHIE, GLORIA L
799	STAHL, PATRICIA L

Target Street

Cross Street

Source

EDR Digital Archive

W MAIN ST 2014



2 ISLEY, DAVID A  
 PRATT, RUSSELL D  
 SCHAR, JAMES H  
 21 MARSHALL, TROY S  
 24 GALE, CARL L  
 139 OCCUPANT UNKNOWN,  
 140 CRUMB, RICHARD W  
 141 VELA, LEXI  
 150 BEGGS, FRANCES  
 MUNOZ, LUIS  
 SANCHEZ, RAMIRO  
 151 BRIMMER, CHARLES C  
 CHUCKS PLUMBING & HEATING  
 URICK, WALTER A  
 160 GILBERT, NORMA A  
 161 GALE, LYLE D  
 170 KUMZI, JAMES  
 171 STEWART, BEN J  
 180 WHITE, TRACY A  
 181 MORALES, PEGGY S  
 190 OCCUPANT UNKNOWN,  
 204 SLEIGHT, CLAY J  
 251 OCCUPANT UNKNOWN,  
 260 PETERS, TERRY L  
 261 OCCUPANT UNKNOWN,  
 271 BUTLER, RUSSELL J  
 280 HERRERA, LYNDIA S  
 350 GORDON, PHILIP M  
 351 RUSSELL, DANIEL R  
 450 SALDANA, CHRISTINA L  
 461 WALSORTH, DUSTIN M  
 471

Target Street

Cross Street

Source

EDR Digital Archive

E MAIN ST 2010



3 HART COOP INC  
 4 TURNER, WILLIAM E  
 10 ZACK, WILLIAM  
 14 ESPINOZA, ITZEL  
 17 FARMERS PETROLEUM COOP  
 107 MAPLEWOOD HOME BUILDERS INC  
 109 TOTAL FITNESS  
 112 HEGGS GALLERYFINE FURNITURE  
 207 COUNTRY BOY PRODUCTS INC  
 211 SCHOONERS  
 215 OCEANA GRAPHICS  
 217 ROSE MARIES FLORAL SHOP  
 218 SUNSHINE CAFE ON THE LAKE  
 219 SIMON, JAMES S  
 222 RAMIREZ, YOLANDA  
 308 PARSONS, SHIRLEY I  
 310 HEGG STUDIO  
 315 COOK, CHRISTIAN P  
 COTTAGE RENOVATORS  
 LABAR, SCOTT N  
 316 MCCULLLEY, DANIEL J  
 320 CARPENTER, SCOTT  
 324 MONTGOMERY, JENNIFER B  
 326 STEVENS, LAWRENCE J  
 501 AMSTUTZ, ALICE J  
 504 BABINEC, MARK E  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL M  
 510 AMSTUTZ, EMALINE  
 513 SULLIVAN, CHARLES E  
 514 HERNANDEZ, ROSA  
 520 BUOZIS, DAN J  
 523 CHILDS PLAY DAYCARE CTR  
 524 MCCULLLEY, DARCI J  
 601 LAKESIDE COMPREHENSIVE REHAB  
 611 ANDERSEN, ORVAL L  
 ATEN, BARBARA  
 CHERRY BLOSSOM MANOR INC  
 GERSTEN, DEBRA  
 HART FAMILY MEDICAL ASSOC  
 JEFFERY, WARREN D  
 MILLER, PAULINE  
 SJS INVESTORS CO  
 SPENCER, JOHN  
 TATE, WAYNE R  
 VOLPP, CARALIE A  
 WEST, C  
 WHIPPLE, MAXINE  
 621 OCEANA COUNCIL OF AGING INC  
 627 PEARSON, EVALINE E

**S COURTLAND ST 2010**

13	LENON, RICK	
15	NEWTON, GABRIELLE CANTU, CHRISTINA LESEVRE, ERNEST MILLS, BRYAN A LIPPS, LAWRENCE T LORENZ, DAVID H BEYER, CARL P BURNS, AMANDA MCCANN, JEFF SALINAS, JESUS ESPRADA, F GONZALEZ, MARIA C ORTEGA, PABLO RAMIREZ, ZENaida FULLER, KIM M WOOD, TOM C 113 117 132 201 214 303	MONCADA, CANDELARIO SILLMAN, AMANDA MCDANOLD, DOUGLAS B GONZALEZ, SARA N HILL, ALICIA KINDINGER, DEANNA KRUEGER, CARL S LAURAIN, ROBIN UMSTEAD, RICHARD C REEDS, HARVEY H NARGIS, DAVE VANCAMPBELL, LORRAINE G MCCANN, JEFFERY SALGADO, EFREN STEWART, THERESA M 423 503 507 511 512 513 515 516 603 614 623 701 702 709 713 714 716
	ASTRZEMBSKI, CHARLE W THORNTON, JOHN A VARENHORST, KATHERINE M LINDLEY, STEPHEN R RAMIREZ, LAZARO WALTERS, MELANIE A SANDOVAL, MARIO G REEDS, EDGAR A GALVAN, LAURA L ROBLES, GUADALUPE G DIAZ, OLMEDO MULL, RAYMOND L MCCLELLAN, CURTIS R COOK, TRACY SALINAS, JESUS C BEYER, TIMOTHY L	

**E MAIN ST 2010 (Cont'd)**

633 701 710	REVILLA, TONY FUEHRING MARGARET D MEML CARE OCEANA COUNTY MEDICAL CARE BAKER, LINSEY BALCOM, SHIRLEY A BAXTER, KIMBERLEY BENHAM, LINDA J COOK, AMBER CORY, J ERICKSON, KATIE ESTABROOK, CHERY L FORD, JACK GARLAND, DON GARLAND, HUNTER HART HOUSING CO JACOBS, IDA M KELCH, MICHAEL KLUDY, MICHAEL D KUIZENGA, WENDY R LAVASSEUR, AMANDA LEECE, MELISSA MCCLELLAN, JACKIE MESLER, DIANE K MILLER, GREGORY L NICHOLS, CHRISTINA OPGRAND, IONE M OVERLA, MARY ROCKWELL, BARBARA RODRIGUEZ, STACI SCHULTZ, IMOJEAN J STEINHAUS, G STEWART, MARTY F VANDERLAAN, RHONDA K VANDERZANDEN, JOHN W VANNETT, JAMES M VEGA, MELISSA L WILSON, VEL WOODLEY, DAWN
-------------------	--

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**S COURTLAND ST 2010 (Cont'd)**

718 SAWDY, MARIE J  
728 RITCHIE, GLORIA L  
799 STAHL, PATRICIA L

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**W MAIN ST 2010**

2 BOSSE, PAULETTE S  
CARPENTER, DAVID  
MUNOZ, NORBERTO K  
ROBBINS, RONALD  
GALE, CARL L  
HART CEMETERY  
TUBBS, GARY D  
136 BUTLER, RUSSELL J  
139 CRUMB, RICHARD W  
140 BAHENA, RICARDO O  
150 MEDINA, ESMERALDA S  
MUNOZ, LUIS  
PICKARD, CONNIE  
SANCHEZ, RAMIRO  
BRIMMER, CHARLES C  
151 CHUCKS PLUMBING & HEATING  
URICK, WALTER A  
160 GILBERT, NORMA A  
161 HOXIE, PATRICIA C  
171 GARCIA, LETICIA  
181 MENDEZ, PEGGY S  
190 PERT, ALLAN S  
250 SLEIGHT, CLAY J  
251 GORDON, PHILIP M  
351 CHAPMAN, ROBERT M  
451 GREINER, MARK K  
461 ORTEGA, STEVE

E MAIN ST 2005 (Cont'd)

611 HART FAMILY MEDICAL ASSOCIATES  
 HITTLE, C  
 MEEHAN, HELENA  
 MERCY GENERAL HEALTH PARTNERS  
 PEARSON, EVALINE E  
 PERSSON, SHIRLEY  
 SPENCER, JOHN  
 TATE, WAYNE R  
 TICE, WILLARD  
 VOLPP, WILLIAM G  
 GREEN THUMB INC  
 NUTRITIONAL SERVICES FOR OLDER  
 OCEANA COUNTY COUNCIL ON AGING  
 REVILLA, ANTONIO J  
 JACKSON, KATHRYN C  
 OCEANA COUNTY MEDICAL CARE FACILITY  
 BALCOM, SHIRLEY A  
 BAXTER, KIMBERLEY  
 BRIMMER, ANTHONY G  
 COOPER, BAMBI  
 CUSHMAN, DARLENE J  
 ESTABROOK, CHERYL L  
 FELIX, RUBEN  
 FOUST, SHERRY  
 GARCIA, GREG J  
 GARLAND, DON  
 GARLAND, HUNTER  
 GARVEY, CHEYANNE  
 HANSMAN, JUDITH N  
 HARJES, JONI  
 HART HOUSING CO  
 HATINGER, RUBY M  
 HILLIARD, BRENT  
 HOOD, ASHLEY  
 HOTRUM, EVELYN  
 JONES, LAURIE C  
 KIHN, AUSTIN  
 KLUDY, HEIDI  
 KOZLOSKI, RICHARD  
 KUIZENGA, WENDY R  
 LAMBSON, RACHELLE  
 MANNOR, JOHN M  
 OPGRAND, IONE M  
 PONTIUS, JOHN E  
 PUENTE, PAMELA M  
 RAPSON, JUDENE  
 ROCKWELL, BARBARA  
 RYDER, HAILEY  
 SHERMAN, SAMANTHA

E MAIN ST 2005

3 FARMERS PETROLEUM INC  
 HART COOP  
 TURNER, WILLIAM E  
 4 BEACH, JOEL A  
 10 BILLS STARTER & ALTERNATOR  
 17 ROLL IN BAKERY & CAFE LLC  
 105 EVERGREEN TRAILS SPORT SHOP  
 107 TOTAL FITNESS  
 109 HEGGS FURNITURE INC  
 112 CURVES  
 207 GLOBAL TECHNOLOGIES & DESIGN  
 209 SCHOONERS  
 211 HART PIZZA  
 213 OCEANA GRAPHICS  
 215 ROSE MARIES FLORAL SHOP  
 217 LAKEFRONT CAFE  
 218 SIMON, JAMES S  
 219 RAMIREZ, YOLANDA  
 222 WALKERS FINE DINING INC  
 227 DAVIS, C  
 253 PARSONS, FREDERICK A  
 308 WALKER, BARBARA A  
 310 HEGGS STUDIO  
 313 M & M STORE INC  
 315 COOK, CHRISTIAN P  
 316 DUNS DRYWALL  
 MCCULLY, DANIEL J  
 320 WOODALL, KRISTIE L  
 324 MONTGOMERY, J B  
 326 STEVENS, LINDA L  
 330 WALTZ KWIK MART  
 373 KING, REBECCA  
 395 ARIAS, ANA T  
 501 AMSTUTZ, ALICE J  
 505 HILDRETH, ROBERT S  
 507 BAKER, STEVEN R  
 513 SULLIVAN, CHARLES E  
 SULLYS INVESTMENTS LLC  
 520 CHILDS PLAY DAYCARE CENTER  
 523 BUOZIS, DAN J  
 524 ZOKOE, JOHN  
 601 LAKESIDE COMPREHENSIVE REHABILITATIO  
 611 ANDERSON, ANNE  
 BAGDONAS, JOSEPH B  
 CAUCHIE, WILLIAM  
 CHERRY BLOSSOM MANOR INC  
 FOWLER, BURTON  
 GILBERT, NORMA A  
 GREINER, THERESA  
 HARRIS, THERESA



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**E MAIN ST 2005 (Cont'd)**

710 SIMMS, MARY  
SIMON, MARJORIE J  
SIMONDS, CHARLES L  
SMITH, THELMA J  
SNYDER, LOUISE M  
TENNANT, ALICE M  
THOMPSON, CRYSTAL M  
TURNER, AMY  
VALLEY, DEANNA  
VANBROCKLIN, FAYE M  
VANDERLAAN, RHONDA K  
WALDEN, ERICA  
WICKLUND, PAT  
721 LUKE, TERRIE

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**S COURTLAND ST 2005**

13 NEWTON, GABRIELLE  
15 CANTU, CHRISTINA  
CHAPA, SANTIAGO J  
FIELD, CHRIS  
MOUNTS, CARLTON  
SANCHEZ, GUADALUPE  
SAVEEDRA, JOSE J  
16 COURTLAND STREET GALLERY & GIFTS LLC  
19 GRAND DANCE PRODUCTIONS LTD  
GRAND, D  
25 LORENZ, DAVID H  
103 BEYER, CARL  
CROTHERS, MONICA  
LENON, RICK A  
104 ESPRADA, F  
FLORES, RICK  
ORTEGA, PABLO  
113 FULLER, KIM  
117 WOOD, TOM C  
132 MONCADA, CANDELARIO  
215 STOVER, MARJORIE J  
303 COURTLAND CARRIAGE HOUSE B & B  
SKINNER, ANDY  
308 REEDS, HARVEY H  
311 MERRIFIELD, ADAMARIE M  
315 CAMPBELL, LORRAINE G  
316 WOLGAMOTT, DEANN L  
411 SALGADO, GLORIA  
423 ASKINS, NATHAN  
503 ASTRZEMBSKI, CHARLE W  
507 AGUILAR, MIGUEL A  
511 VARENHORST, JOHN J  
512 LINDLEY, STEPHEN R  
515 ESSENBERG, ROBERT J  
516 VISGER, NATHAN E  
519 LOVELL, THOMAS A  
523 SALAZAR, JUAN H  
603 REEDS, EDGAR A  
614 GALVAN, LAURA L  
623 ROBLES, GUADALUPE G  
701 DIAZ, OLMEDO  
709 MCCLELLAN, CURTIS R  
712 MULL, RAYMOND L  
713 KELLEY ELECTRICAL  
KELLEY, ROBERT C  
714 TELLEZ, FERNANDO T  
716 BEYER, TIMOTHY L  
718 NELSON, HARLAND P  
799 STAHL, PATRICIA L

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W MAIN ST 2005

2 ANDAVERDE, JOSE M  
 BAXCAJAY, JUANA  
 BAXTER, CARI  
 BOSSE, PAULETTE S  
 BRITT, RONALD E  
 HILL, JAMES L  
 NOLAZCO, YESSICA  
 PIEDRA, TOMAS  
 PRESLEY, HILDA  
 STEVENS, ERIK A  
 ZACK, WILLIAM

10 GALE, JON C  
 24 CORNER GARAGE  
 110 SLEIGHT, CLAY  
 126 WOODLEY, LEOL  
 130 TUBBS, GARY D  
 136 BUTLER, RUSSELL J  
 139 CRUMB, RICHARD W  
 140 PANGBURN, MAE  
 141 AGUILAR, LUIS  
 150 BAHENA, RICARDO O  
 GONZALEZ, JESUS D  
 PICKARD, CONNIE  
 SANCHEZ, RAMIRO  
 WALTON, MELTON W  
 BRIMMER, CHARLES C  
 URICK, ESTHER E  
 GILBERT, NORMA A  
 GALE, JAMES L  
 170 HOXIE, PATRICIA C  
 171 FOSTER, JEANNE L  
 180 GUERRERO, NABOR  
 181 GORDON, PHILIP M  
 204 MORGAN, TONYA  
 212 HALLACK, DANIEL E  
 260 WILDE, ADDIE C  
 270 MASON, LYNDA S  
 350 GORDON, RHONDA K  
 351 WALSWORTH, ANDREW W  
 361 BURILLO, CATALINA  
 371 HAASE, ROSE E  
 450 CHAPMAN, BETTY J  
 451 GREINER, MARK K  
 461 ORTEGA, STEVE

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E MAIN ST 2000

3 HART COMP INCORPORATED  
 4 TURNER, WILLIAM E  
 10 DOWLING, SANDRA  
 14 LIPSKI, CRAIG  
 16 PETERSON, MAE I  
 17 FARMERS PETROLEUM COMPANY OPERATIVE INCORPORATED  
 102 LEWIS, ARNOLD A  
 105 RODRIGUEZ, MARIA D  
 108 HART BARBER SHOP  
 STEVENS WILLIAM  
 109 LAKEVIEW ANTIQUES PLUS  
 112 HART TRUE VALUE HARDWARE  
 206 HART DAIRY DELIGHT  
 209 EAST SIDE PAWN & OUTLET SHO  
 211 SCHOONERS  
 213 HART PIZZA  
 215 OCEANA GRAPHICS  
 217 ROSE MARIES FLORAL SHOP  
 219 SIMON, FRANCES M  
 222 THRAILKILL, GARY S  
 227 WALKERS BAR & COLONIAL DINING ROOM  
 308 SNIDER, EUGENE  
 WALKER, B A  
 315 COOK, C  
 316 MCCULLLEY, DANIEL J  
 326 STEVENS, LINDA  
 351 GORDON, PHILLIP P  
 361 GREINER, MICHAEL E  
 437 GAMBLE, P A  
 501 AMSTUTZ, LEONARD  
 504 BABINEC, ANN C  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL  
 510 AMSTUTZ, ROBERT  
 513 SULLIVAN, CHARLES  
 514 TOWNE, GLEN  
 523 KIDDY COLLEGE  
 601 PROTECTIVE SERVICES FOR ADULTS & CHILDREN  
 610 CHILD ABUSE OR NEGLECT  
 OCEANA COUNTY GOVERNMENT SATELLITE OFFICE  
 BAGDONAS, JOSEPH B  
 611 BLACKTOP, ANN  
 CHERRY BLOSSOM MANOR INCORPORATED  
 CROSS, V  
 GILBERT NORMA A MD  
 GOEHRING, JEROLD P  
 GREINER, T  
 HART FAMILY MEDICAL ASSOCIATES PC  
 NAAZ, PARVEEN MD  
 OCHS RUDY DO

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E MAIN ST 2000 (Cont'd)

611	PRANGER, F	
	SCHANER, PETE	
	SCOTT, ROSE	
	SJS INVESTORS CO FAX NUMBER	
	SJS INVESTORS COMPANY	
	SMITH PAUL DO	
	SMITH, PAUL D	
	STABICK RUBY DO	
	STRBICH CONSTANCE DO	
	WAGNER PAUL DO	
	WHITEHEAD, B	
	WYCKOFF, W	
621	NUTRITIONAL SERVICES	
	OCEANA COUNTY COUNCIL ON AGING	
627	PEARSON, C	
633	LABAR, SCOTT N	
701	MEDICAL CARE FACILITY	
	OCEANA COUNTY GOVERNMENT MEDICAL CARE FACILITY	
710	ALLEN, J L	
	BARNETT, C M	
	BRADSHAW, JOSEPH A	
	BURSLEY, MARLEAH	
	CAREY, LINDY S	
	CORY, LINDA	
	DELORE, KARIE	
	ELLISON, SAMUEL E	
	GARCIA, CAROLYN	
	GILBERT, ANDREAS T	
	HART HOUSING CO	
	JACOBS, IDA	
	KOZLOSKI, WILMA M	
	KURTZ, VEVA M	
	LAMBRIX, DONALD F	
	MCCANN, TABITHA	
	PFUFF, LOLA	
	PONTIUS, JOHN	
	PUENTE, PAMELA M	
	RIELLY, STACIK	
	ROSENCRANS, C S	
	SHARP, DANNY	
	SIMON, M	
	SMITH, ALLEN J	
	TENNANT, ALICE M	
	TURNER, AMY	
	VANDERLAAN, RHONDA K	
	VANNETT, D A	
	VANNETT, JIM	

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S COURTLAND ST 2000

15	ROUTLEY, CHARLES E	
16	COURTLAND HOUSE	
19	GRAND DANCE PRODUCTIONS LIMITED	
	WILDEY, S	
25	LORENZ, DAVID	
103	ARCE, PALEMON	
	CARRILLO, ENRIQUE	
	FULLER, MICHAEL	
	JENSEN, RANDY L	
104	VARGAS, P	
107	COURTLAND LANES	
108	FELT UPHOLSTERY & CANVAS	
	GREINER, KEVIN M	
	SILVER LAKE ELECTRIC INCORPORATED	
117	WOOD, TOM	
209	CHAPMAN, A J	
214	PHILLIPS, GLENN	
215	STOVER, JAMES	
303	KRUEGER	
	KRUEGER, CAROL A	
	NOBLE, KYLE	
308	REEDS, HARVEY	
311	MERRIFIELD, GEORGE	
315	CAMPBELL, VAN	
411	CARR, JOYCE	
417	CROWLEY, MARVIN	
423	ASKINS, BETH E	
503	JASTRZEMBSKI, CHARLES W	
507	NUNN, TRACY D	
	THORNTON, JOHN	
511	VARENHORST, JOHN	
512	LINDLEY, STEPHEN R	
515	ESSENBERG, ROBERT	
516	VISGER, NATHAN	
603	REEDS, EDGAR A	
614	GALVAN, LUCIA M	
623	ROBLES, GUADALU	
701	DAVILA, LIESA K	
709	MCCLELLAN, CURTIS	
712	MULL, RAYMOND	
713	KELLEY, ROBERT C	
714	SALINAS, JESUS	
719	KOKX, LAVERN	
728	HERRYGERS, AUGUST	
799	STAHL, PATRICI	

Target Street

Cross Street

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W MAIN ST 2000

2 BAXTER, CARL D  
 GRINWIS, THOMAS L  
 HART ANIMAL CLINIC  
 MARSHALL S DVM  
 MARSHALL S M DVM  
 24 GALE, CARL  
 25 GALE, CARL  
 109 URICK, WALTER  
 113 GALE, LYLE  
 126 HART CEMETERY  
 SLEIGHT, JANENE  
 CARLSON, WILMER  
 130 WOODLEY, LEO  
 131 THOCHER, C  
 135 WILDE, ADDIE  
 136 TUBBS, GARY  
 139 BUTLER, RUSSELL J  
 140 CRUMB, RICHARD W  
 141 VELA, HEIDI S  
 151 BRIMMER, CHARLES  
 CHUCKS PLUMBING & HEATING  
 URICK, WALTER A  
 160 GILBERT, NORMA A  
 161 FOSTER, JENNE  
 180 WHITE, RANDY  
 181 MENDEZ, PEGGY  
 190 GORDON, PHILIP  
 204 HERRERA, ALBERTO  
 211 CARLSON, WILMER  
 250 WILDE, ADDIE  
 270 CHAPMAN, BETTY J  
 304 HERRERA, ALBERT  
 350 GREINER, MICHAEL  
 361 GAMBLE, P A  
 437 MCMILLIN, DORIS M  
 461 GUTIERREZ, ANGELA  
 471

Target Street

Cross Street

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E MAIN ST 1995

3 COUNTRYMARK INC  
 GREAT LAKES IRRIGATION  
 TURNER, WILLIAM E JR  
 4 DOWLING, GREG  
 10 LIPSKI, CRAIG  
 14 PETERSON, MAE I  
 16 FARMERS PETROLEUM CO OP INC  
 17 KELSEY, KATRINA  
 105 HART BARBER SHOP  
 108 STEVENS, WILLIAM  
 112 TRUE VALUE HARDWARE  
 207 HAIR DESIGNING UNLIMITED  
 213 HART PIZZA  
 215 OCEANA GRAPHICS  
 217 ROSE MARIES FLORAL SHOP  
 218 OCCUPANT UNKNOWNN  
 219 SIMON, JAMES S  
 220 WATERS EDGE RESTAURANT  
 222 TAYLOR, RUBY  
 227 WALKERS BAR  
 308 SMITH, ARTHUR  
 WALKER, B A  
 310 ROBINETTE SEAFOOD INC  
 311 GREINERS GARAGE  
 315 VANDERLAAN, GORDON  
 316 MCCULLEY, DAVID J  
 320 COON, BRIAN  
 324 OCCUPANT UNKNOWNN  
 326 STEVENS, LINDA  
 501 AMSTUTZ, LEONARD  
 505 DODDS, SHERI  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL  
 510 AMSTUTZ, ROBERT  
 513 BOWMAN, CHARLES W  
 514 TOWNE, GLEN  
 520 OCCUPANT UNKNOWNN  
 523 CYNTHIA OCHS DO  
 HART FAMILY MEDICAL ASSOC  
 RAYMOND D TRACY DO  
 RUDY OCHS DO  
 524 SCHANER, RICHARD  
 601 OCEANA COUNTY COMMUNITY MENTAL  
 OCEANA COUNTY MENTAL HEALTH  
 611 LIDDS, G  
 NORMA A GILBERT MD  
 SJS INVESTORS CO  
 621 HART CENTER  
 OCCUPANT UNKNOWNN  
 OCEANA COUNCIL OF AGING INC

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**E MAIN ST 1995 (Cont'd)**

627	PEARSON, C
633	AERTS, JOSEPH
701	MITTEER, GRANT
	OCEANA COUNTY MEDICAL CARE
710	BARNETT, C M
	BISHOP, L
	CARNES, C J
	CARRICO, DANIEL E
	DAVID, LORETTA
	DAVIS, EUGENIA
	DEAUGUSTINE, E M
	DOERING, CAROL
	DUNLAP, TONI C
	ESTABROOK, CHERYL L
	GARCIA, CAROLYN S
	HART HOUSING CO
	HATINGER, RUBY
	HERRYGERS, VICKIE L
	JACOBS, IDA M
	JASTRZEMBSK, CHARLES
	KERR, D
	KOZLOSKI, WILMA M
	KURTZ, V M
	LERMA, B
	MARVIN, HARLEY
	MCLELLAN, M
	NEAR, MARILYN K
	PEARSON, ISABEL
	PFUFF, LOLA
	PUENTE, PAMELA M
	RICO, LAURA
	RUMSEY, TAMMY
	SALAZAR, E
	SCHNEIDER, E L
	SCHRAMSKI, RICKY R
	SERNA, JESUS
	SIMON, M
	TENNANT, CHESTER
	TILL, E P
	TREVINO, SADAKO
	TURNER, AMY
	VANBROCKLIN, FAYE M
	WATERBURY, LINDA K
	WIMPEE, B

Target Street -

Cross Street ✓

Source  
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**S COURTLAND ST 1995**

8	LEBLANC, JEAN E
13	ROUTLEY, CHARLES E
15	ROUTLEY, CHARLIE
16	COURTLAND HOUSE
19	ECHANDIA, ADELE
25	LORENZ, DAVID
103	FULLER, MICHAEL
104	HOENSHHELL, LAURA
107	COURTLAND LANES
113	HISPANIC APOSTOLATE
	OCCUPANT UNKNOWNN
117	WOOD, TOM
209	CHAPMAN, FRANCES C
214	PHILLIPS, GLENN JR
215	STOVER, JAMES
308	REEDS, HARVEY
311	MERRIFIELD, GEORGE
312	TIBBITTS, PAULA
315	CAMPBELL, VAN
316	OCCUPANT UNKNOWNN
411	VITERNA, ROBERT
417	PAYNE, VERNIE
423	ASKINS, BETH E
507	OCCUPANT UNKNOWNN
511	VARENHORST, JOHN JR
515	ESSENBERG, ROBERT
519	LOVELL, TOM A
523	PONCE, T
603	REEDS, EDGAR A
615	WILLIAMSON, B M
623	ROBLES, G
701	MCLOUTH, GLADYS
702	OCCUPANT UNKNOWNN
709	MCLELLAN, CURTIS
712	MULL, RAYMOND
713	SCHANER, LESTER
714	OCCUPANT UNKNOWNN
716	SYMONS, JULIA A
718	WYCKOFF, LESLIE
719	KOKX, LAVERN
720	BALAVITCH, JOSEPH
728	HERRYGERS, AUGUST
799	STAHL, P

Target Street

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W MAIN ST 1995

3 FLEURY, GERALD  
 FREESE, JEFF  
 BUTCHER, KENNETH R  
 HART ANIMAL CLINIC  
 K R BUTCHER DVM  
 GALE, CARL  
 25 CRUMB, RICHARD  
 104 KIDDER, MYRTLE  
 105 BERGEY, PAUL  
 WALSORTH, MARK  
 BRIMMER, CHARLES  
 106 CHUCKS PLUMBING & HEATING  
 108 GILBERT, NORMA A  
 109 URICK, WALTER A  
 112 SCHANER, RAY  
 116 KARDUX, TODD  
 117 FOSTER, MAURICE  
 121 OCCUPANT UNKNOWNN  
 126 OCCUPANT UNKNOWNN  
 127 CARLSON, WILMER  
 130 WOODLEY, LEO JR  
 131 JEWETT, RUSSELL B  
 135 WILDE, ADDIE  
 136 TUBBS, GARY  
 139 BUTLER, RUSSELL J  
 204 GORDON, PHILIP  
 206 OCCUPANT UNKNOWNN  
 208 GREINER, MICHAEL  
 211 HERRERA, ALBERT  
 212 HASTY, GUY  
 304 CHAPMAN, ROBERT M  
 307 HAASE, ROBERT G  
 308 OCCUPANT UNKNOWNN  
 312 SWIHART, ETHELYN  
 437 GAMBLE, P A

Target Street

Cross Street

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E MAIN ST 1992

4 TURNER, WILLIAM E JR  
 10 DOWLING, GREG  
 14 LIPSKI, CRAIG  
 16 PETERSON, MAE I  
 105 BACA, RAQUEL S  
 108 STEVENS, WILLIAM  
 219 SIMON, JAMES S  
 220 WIMPEE, B  
 308 VANBAVEL, CLARA M  
 315 VANDERLAAN, GORDON  
 320 COON, BRIAN D  
 326 STEVENS, L  
 501 AMSTUTZ, LEONARD  
 505 GRAFF, EVERETT  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL  
 510 AMSTUTZ, ROBERT  
 513 BOWMAN, CHARLES W  
 514 TOWNE, GLEN  
 611 GILBERT, NORMA A  
 621 BARRETT, PAULA D  
 627 PEARSON, C  
 633 AERTS, JOSEPH  
 701 PEARSON, ROGER  
 710 BAILLY, E  
 GAFFNEY, K S  
 HANLEY, T L  
 HERRYGERS, VICKIE L  
 MARVIN, HARLEY  
 MORGAN, Y L  
 PETERSEN, MARY E  
 PFAFF, LOLA  
 ROSS, BESSIE  
 SCHNEIDER, E L  
 TILL, E P  
 TOUGAS, J  
 TREVINO, S  
 TURNER, AMY  
 VANARMAN, WANDA M  
 VANDENHEUVEL, J  
 VILLARREAL, ANSELMO SR  
 VISGER, VADA E  
 WHITEHILL, ROY B  
 7102 WILLIAMS, EDGAR  
 7108 KOZLOSKI, WILMA M  
 7109 TENNANT, CHESTER  
 71012 HERNANDEZ, CHERYL L  
 71019 VANDOREN, BRUCE D  
 71020 OLIVER, WILLIAM R  
 71024 PUENTE, PAMELA M

Target Street ✓

Cross Street -

Source

EDR Digital Archive

**E MAIN ST 1992 (Cont'd)**

71025 THAYER, HUGH I  
71033 POUST, GEORGE  
71035 KURTZ, V M  
71037 KIMMEL, DOROTHY L  
71038 VANBROCKLIN, FAYE M  
71042 SANDERS, NINA  
71048 HATINGER, RUBY

Target Street -

Cross Street ✓

Source

EDR Digital Archive

**S COURTLAND ST 1992**

25 LORENZ, DAVID  
103 FULLER, MICHAEL  
113 FULLER, KIM M  
117 WOOD, TOM  
209 CHAPMAN, ALBERT J  
214 PHILLIPS, GLENN JR  
215 STOVER, JAMES  
303 LIPPS, DAWN M  
308 REEDS, HARVEY  
311 MERRIFIELD, GEORGE  
315 CAMPBELL, VAN  
316 ECKHOLM, MARY A  
411 VITERNA, ROBERT  
417 PAYNE, VERNE  
423 ASKINS, BETH E  
507 SALAZAR, VICTOR N  
511 VARENHORST, JOHN JR  
512 FULLER, MILTON  
515 ESSENBERG, ROBERT  
519 TALMADGE, VERNON A  
603 REEDS, EDGAR A  
615 WILLIAMSON, B M  
623 ROBLES, G  
701 MCLOUTH, GLADYS  
709 MCCLELLAN, CURTIS  
712 MULL, RAYMOND  
713 SCHANER, LESTER  
716 WENK, PHIL  
718 WYCKOFF, LESLIE  
719 KOKX, LAVERN  
720 BALAVITCH, JOSEPH  
728 HERRYGERS, AUGUST  
1031 RODRIGUEZ, VICTOR P

Target Street

Cross Street

Source

EDR Digital Archive



**W MAIN ST 1992**

22	BUTCHER, KENNETH R
25	GALE, CARL
103	KELLEY, L
104	HARDY, A
105	GIDDINGS, GLEN W
106	BRIMMER, CHARLES
108	GILBERT, NORMA A
109	URICK, WALTER A
112	SCHANER, RAY
113	GALE, LYLE
116	KARDUX, TODD
117	FOSTER, MAURICE
121	BOZEMAN, DARYL
127	CARLSON, WILMER
130	WOODLEY, LEO JR
131	HALL, CHARLES
135	WILDE, ADDIE
136	TUBBS, GARY
139	BUTLER, RUSSELL J
204	GORDON, PHILIP
208	GREINER, MICHAEL
211	HERRERA, ALBERT
212	HASTY, GUY
304	CHAPMAN, ROBERT M
307	HAASE, ROBERT G
308	SYER, GEORGE
437	GAMBLE, P A



**Appendix H**

**Interview Documentation**

The following information is intended to assist the Environmental Professional in conducting the Phase I Environmental Site Assessment (ESA) for the requested Subject Property. This information is required to qualify for one of the Landowner Liability Protections (LLPs). Please be as detailed as possible and provide additional contacts that may have pertinent information.

### User/Buyer Information

User/Buyer Name	Ceres Solutions
Name to Certify Phase I ESA report to? (Inc., LLC, LP)	Rodney Stevens    Mi. Safety & Risk Coordinator
Any other parties who will rely on the Phase I ESA report? (Bank, US SBA, other funding)	Ceres Solutions Board of Directors
Why is the Phase I ESA being performed?	Get an idea of what to expect
Do any of the other parties whom will rely on the Phase I ESA report have any required scope of services beyond the Standard ASTM Practice E1527? (Business Environmental Risks) <input type="checkbox"/> Asbestos-Containing Building Materials <input type="checkbox"/> Radon <input type="checkbox"/> Lead-Based Paint <input type="checkbox"/> Lead-in-Drinking Water <input type="checkbox"/> Wetlands <input type="checkbox"/> Mold <input type="checkbox"/> Endangered Species <input type="checkbox"/> Indoor Air Quality <input type="checkbox"/> Regulatory Compliance <input type="checkbox"/> Other (describe)	

### Subject Property Information

Street Address	3 e. Main St.
City, State and Zip	Hart, Mi. 49420
Type of Property	business
Type of Transaction	<input type="checkbox"/> Sale <input type="checkbox"/> Purchase <input type="checkbox"/> Exchange <input type="checkbox"/> Refinance <input type="checkbox"/> Other (describe)
Do you have any knowledge or experience with the Subject Property that may be pertinent or any knowledge of its environmental condition? <b>Yes</b>	

### Land Title Records (or judicial records, if appropriate)

Is a recent Title Policy available for review? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (please provide a copy)
Did a search of recorded land title records identify any environmental liens filed or recorded against the Subject Property under federal, tribal, state or local law? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (please describe)
Did a search of recorded land title records identify any Activity and Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded against the Subject Property under federal, tribal, state or local law? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (please describe)

### Specialized Knowledge or Experience of the Person seeking to qualify for the LLP

Do you have any specialized knowledge or experience related to the Subject Property or nearby properties? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (please describe)
Are you involved in the same line of business as the current or former occupants of the Subject Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (please describe business, chemicals, and processes used)
<b>I was the former Location Manage and now the Mi.Safety &amp; Risk Coordinator</b>

**Relationship of Purchase Price to Fair Market Value**

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?  
 NO  YES (please describe)

N/A

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Subject Property?  NO  YES (please describe)

N/A

**Commonly Known or Reasonably Ascertainable Information**

Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases? For example:

Do you know the past uses of the property?  NO  YES (please list all known past uses)

Do you know of specific chemicals that are or once were present at the property?  NO  YES (please describe)

**I was the Location Manager**

Do you know of spills or other chemical releases that have taken place at the property?  NO  YES (please describe)

**I was the Location Manager**

Do you know of any environmental cleanups that have taken place at the property?  NO  YES (please describe)

**Presence or Likely Presence of Contamination**

The degree of obviousness of the presence or likely presence of contamination at the Subject Property, and the ability to detect the contamination by appropriate investigation.

Based on your knowledge and experience related to the Subject Property are there any obvious indicators that point to the presence or likely presence of releases at the Subject Property?  NO  YES (please describe)

**Additional Information**

Do you have any additional information or environmental documents that may provide pertinent information?

Rodney Stevens  
Users Signature

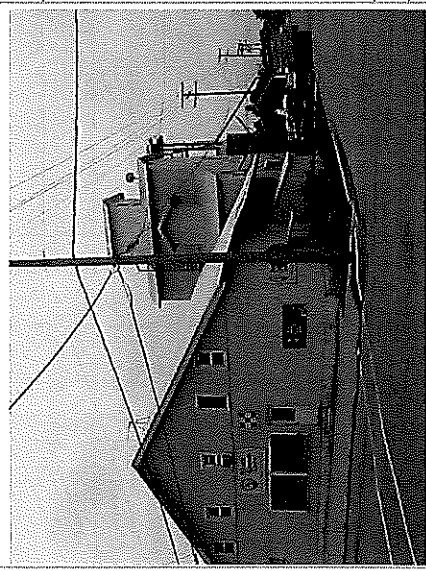
06-25-2021  
Date

Rodney Stevens Mi. Safety & Risk Coordinator  
Users Printed Name

# Appendix 4

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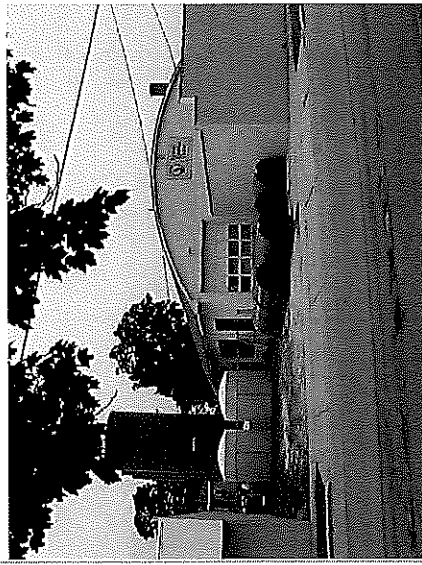
Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.	
NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE	0	08/30/2017	WD	21-NOT USED/OTHER	2017-18423-	REAL PROPERTY STA	0.0	
FREMONT COOPERATIVE PRODU	NORTH CENTRAL LP LLP	0	01/11/2011	WD	33-TO BE DETERMINED	2011-3317	PROPERTY TRANSFER	0.0	
COUNTYMARK/FREMONT INC 00	COUNTYMARK/FREMONT INC 00	131,802	04/03/1997	WD	21-NOT USED/OTHER	97:008072	REAL PROPERTY STA	0.0	
		0	01/01/1997	WD	33-TO BE DETERMINED	97:008072	PROPERTY TRANSFER	0.0	
Property Address	Class: COMMERCIAL-IMPROV Zoning: MAIN Building Permit(s) Status								
3 E MAIN ST	School: HART PUBLIC SCHOOL DISTRICT Com, Alteration 03/06/2018 PBRI80047 COMPLETE								
Owner's Name/Address	P.R.E. 0% MAPNUMBER:								
CERES SOLUTIONS 720 W MAIN ST FREMONT MI 49412	2023 Est TCV Tentative								
Tax Description	Improved	Vacant	Land Value Estimates for Land Table 07. ORIG PLAT						
. WD978072 QC-L2011P3320 1978 INCLS 207-002 & 011-00 CITY OF HART LOT 1, LOT 2 EXC S 1 RD OF E 4 RDS THOF, W 1 RD OF LOT 3 EXC S 1 RD THOF, W 76 FT OF LOT 6, W 86 FT OF LOT 7 & ALL OF LOTS 11 & 12 - BLK 7.	Public Improvements		* Factors *						
Comments/Influences	Dirt Road		Description	Frontage	Depth	Rate	Adj. Reason	Value	
	Gravel Road		FRONTAGE	480.00	132.00	1.0000	250 100	120,000	
	Paved Road		480 Actual Front Feet, 1.46 Total Acres	Total Est. Land Value =				120,000	
	Storm Sewer		Land Improvement Cost Estimates						
	Sidewalk		Description						
	Water		Residential Local Cost Land Improvements						
	Sewer		Description						
	Electric		CITY SEWER TAP-IN	Rate	Size & Good		Cash Value		
	Gas		CITY WATER TAP-IN	650.00	1 98		637		
	Curb		Total Estimated Land Improvements True Cash Value =	300.00	1 98		294		
	Street Lights						931		
	Standard Utilities								
	Underground Utils.								
	Topography of Site								
	Level								
	Rolling								
	Low								
	High								
	Landscaped								
	Swamp								
	Wooded								
	Waterfront								
	Ravine								
	Wetland								
	Flood Plain								
Who	When	What	Year	Land Value	Building Value	Assessed Value	Board of Tribunal/ Other Review	Taxable Value	
JP	05/24/2016	INSPECTED	2023	Tentative	Tentative	Tentative		Tentative	
			2022	60,000	103,700	163,700		132,905C	
			2021	60,000	106,200	166,200		128,660C	
			2020	53,800	105,200	159,000		126,884C	



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\*\*\* Information herein deemed reliable but not guaranteed\*\*\*

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prct. Trans.	
NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE	0	08/30/2017	WD	21-NOT USED/OTHER	2017-18423-	REAL PROPERTY STA	0.0	
FREMONT COOPERATIVE PRODU	NORTH CENTRAL LP LLP	0	01/11/2011	WD	33-TO BE DETERMINED	2011-3317	PROPERTY TRANSFER	0.0	
		0	01/01/2005	WD	33-TO BE DETERMINED		PROPERTY TRANSFER	0.0	
		0	01/01/1997	WD	33-TO BE DETERMINED	97:009072	PROPERTY TRANSFER	0.0	
Property Address	Class: COMMERCIAL-IMPROV Zoning: Building Permit(s) Date Number Status								
3 E MAIN ST	School: HART PUBLIC SCHOOL DISTRICT								
Owner's Name/Address	P.R.E. 0% MAPNUMBER:								
CERES SOLUTIONS 720 W MAIN ST FREMONT MI 49412	2023 Est TCV Tentative Land Value Estimates for Land Table 07.ORIG PLAT								
Tax Description	X Improved	Vacant	* Factors *						
WD978072 QC-L2011P3320 CITY OF HART W 1/2 OF LOT 4 EX S 1 RD & E 3 RDS OF LOT 3 EX S 1 RD BLK 7.	Public Improvements		Description	Frontage	Depth	Rate	%Adj.	Reason Value	
Comments/Influences			FRONTAGE	82.50	132.00	1.0000	250	100 20,625	
			FRONTAGE	20.00	132.00	1.0000	250	100 5,000	
			103 Actual Front Feet, 0.31 Total Acres Total Est. Land Value =						25,625
			Topography of Site						
			Level	Who	When	What	Year	Land Value	
			Rolling	JP	/	/	2023	Tentative	
			Low				2022	12,800	
			High				2021	12,800	
			Landscaped				2020	11,500	
			Swamp					Tentative	
			Wooded					Building Value	
			Pond					Tentative	
			Waterfront					15,400	
			Ravine					15,700	
			Wetland					28,500	
			Flood Plain					27,100	
								Assessed Value	
								Tentative	
								Board of Tribunal/ Review Other	
								Tentative	
								Taxable Value	
								Tentative	
								22,204	
								21,495C	
								21,199C	



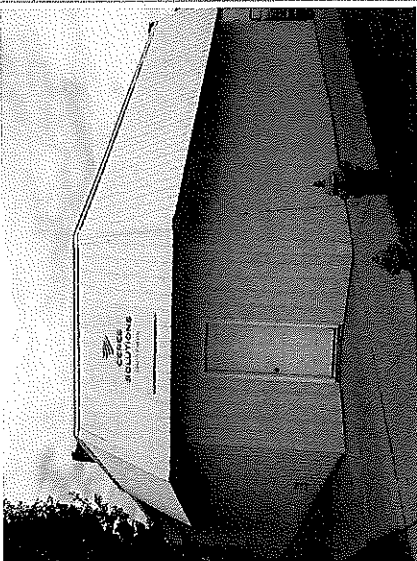
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Oceana, Michigan

\*\*\* Information herein deemed reliable but not guaranteed\*\*\*

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Pront. Trans.
NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE	0	08/30/2017	WD	21-NOT USED/OTHER	2017-18423-	REAL PROPERTY STA	0.0
FREMONT COOPERATIVE PRODU	NORTH CENTRAL LP LLP	0	01/11/2011	WD	33-TO BE DETERMINED	2011-3317	PROPERTY TRANSFER	0.0
FARMERS PET/FREMONT COOP	FARMERS PET/FREMONT COOP	40,000	12/19/2000	WD	21-NOT USED/OTHER	2001:005520	REAL PROPERTY STA	0.0

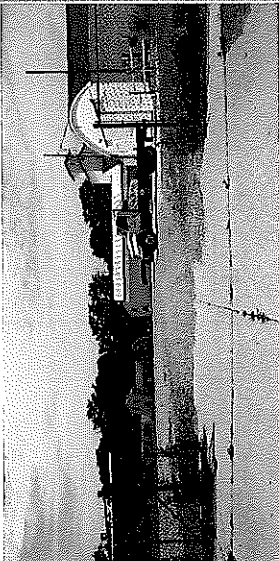
Property Address		Building Permit(s)		Date	Number	Status
3 E MAIN ST		School: HART PUBLIC SCHOOL DISTRICT				
Owner's Name/Address		P.R.E. 0%				
CERES SOLUTIONS 720 W MAIN ST FREMONT MI 49412		MAPNUMBER:				
Tax Description		2023 Est TCV Tentative		Land Value Estimates for Land Table 07.ORIG PLAT		
WD-L2001P5520 QC-L2011P3320 CITY OF HART E 1/2 OF LOT 4 EX S 1 RD BLK 7.		X Improved		* Factors *		
Comments/Influences		Public Improvements		Description    Frontage    Depth    Rate    %Adj.    Reason    Value		
		Dirt Road		FRONTAGE    143.00    110.00    1.0000    250    100    35,750		
		Gravel Road		143 Actual Front Feet, 0.36 Total Acres    Total Est. Land Value =    35,750		
		Paved Road				
		Storm Sewer				
		Sidewalk				
		Water		Land Improvement Cost Estimates    Rate    Size    % Good    Cash Value		
		Sewer		Description    Frontage    Depth    Rate    %Adj.    Reason    Cash Value		
		Electric		Commercial Local Cost Land Improvements    Rate    Size    % Good    Arch Mult    Cash Value		
		Gas		Description    300.00    1    95    100    285		
		Curb		TAP-IN WATER    1,200.00    1    95    100    1,140		
		Street Lights		TAP-IN SEWER    Total Estimated Land Improvements True Cash Value =    1,425		
		Standard Utilities				
		Underground Utils.				

Topography of Site		Year		Assessed Value		Board of Tribunal/Other Review		Taxable Value	
Level		2023		Tentative		Tentative		Tentative	
Rolling		2022		17,900		13,600		31,500	
Low		2021		17,900		13,900		30,318C	
High		2020		16,000		13,900		29,900S	
Landscaped									
Swamp									
Wooded									
Pond									
Waterfront									
Ravine									
Wetland									
Flood Plain									
Who	When	What							
JP	/	/							



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\*\*\* Information herein deemed reliable but not guaranteed\*\*\*

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Pront. Trans.
NORTH CENTRAL CO-OP	NORTH CENTRAL COOPERATIVE	0	08/30/2017	WD	21-NOT USED/OTHER	2017-18423-	REAL PROPERTY STA	0.0
FREMONT COOPERATIVE PRODU	NORTH CENTRAL LP LLP	0	01/11/2011	WD	33-TO BE DETERMINED	2011-3317	PROPERTY TRANSFER	0.0
WESTRIENEN/FREMONT COOP	WESTRIENEN/FREMONT COOP	15,000	07/27/2001	WD	21-NOT USED/OTHER	2101:009858	REAL PROPERTY STA	0.0
Property Address COURTLAND ST Owner's Name/Address CERES SOLUTIONS 720 W MAIN ST FREMONT MI 49412								
Class: RESIDENTIAL-VACAN Zoning: Building Permit(s) School: HART PUBLIC SCHOOL DISTRICT P.R.E. 0% MAPNUMBER:								
Improved X Vacant 2023 Est TCV Tentative Land Value Estimates for Land Table 21.SPITLER #1								
Public Improvements Dirt Road Gravel Road Paved Road Storm Sewer Sidewalk Water Sewer Electric Gas Curb Street Lights Standard Utilities Underground Utilis.								
Topography of Site Level Rolling Low High Landscaped Swamp Wooded Pond Waterfront Ravine Wetland Flood Plain								
* Factors * Description Front Depth Rate %Adj. Reason Value FRONT/WATER 82.50 188.00 1.0000 1.0000 225 100 18,563 83 Actual Front Feet, 0.36 Total Acres Total Est. Land Value = 18,563								
Tax Description . WD-L2001P19858 QC-L2011P3320 CITY OF HART LOT 5 & S 1 RD OF LOTS 2, 3 & 4, EXC W 10 FT OF LOT 2 & E 1/2 OF LOT 6, EXC W 10 FT BLK 7. Comments/Influences 6/30/22 VW: INSPECTED, VACANT PARCEL - CHANGED CLASS TO 402.								
								
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\*\*\* Information herein deemed reliable but not guaranteed\*\*\*



Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
STEVENS RODNEY PROPERTIES	CERES SOLUTIONS	1	01/07/2020	QC	33-TO BE DETERMINED	2020--426--426	PROPERTY TRANSFER	0.0
BRUCE STEVEN J* & CONNIE	STEVENS RODNEY PROPERTIES	76,500	05/11/2017	WD	03-ARM'S LENGTH	2017/9144	PROPERTY TRANSFER	100.0
BRUCE STEVEN J & CONNIE L	BRUCE STEVEN J & CONNIE L	0	12/23/2011	WD	03-ARM'S LENGTH	2011-25345	PROPERTY TRANSFER	0.0
HEGG, WILLIAM S. & JANET	BRUCE, STEVEN J. & CONNIE	65,000	03/18/1992	WD	03-ARM'S LENGTH	922409	PROPERTY TRANSFER	0.0
Property Address	Class: RESIDENTIAL-VACAN Zoning: Building Permit(s) Date Number Status							
COURTIAND ST	School: HART PUBLIC SCHOOL DISTRICT Demolition 11/21/2017 PBR170381 COMPLETED							
Owner's Name/Address	P.R.E. 0% MAPNUMBER:							
CERES SOLUTIONS 720 W MAIN ST FREMONT MI 49412	2023 Est TCY Tentative							


Improved	X	Vacant	Land Value Estimates for Land Table 21.SFTTLER #1
Public Improvements			* Factors *
Dirt Road			Frontage Depth Rate & Adj. Reason Value
Gravel Road			FRONTAGE 66.00 178.00 1.0000 0.9434 200 100 12,453
Paved Road			66 Actual Front Feet, 0.27 Total Acres Total Est. Land Value =
Storm Sewer			
Sidewalk			
Water			Land Improvement Cost Estimates Rate Size % Good Cash Value
Sewer			Residential Local Cost Land Improvements Rate Size % Good Cash Value
Electric			CITY SEWER TAP-IN 650.00 2 96 1,248
Gas			CITY WATER TAP-IN 300.00 2 96 576
Curb			Total Estimated Land Improvements True Cash Value = 1,824
Street Lights			
Standard Utilities			
Underground Utils.			

Year	Land Value	Assessed Value	Building Value	Board of Review	Tribunal/Other	Taxable Value
2023	Tentative	Tentative	Tentative			Tentative
2022	6,200	7,100	900			6,703C
2021	6,200	7,100	900			6,489C
2020	5,400	6,400	1,000			6,400S

Tax Description

WD922409 QC-12011P25345 CITY OF HART  
 LOT 8 & E 1/2 OF LOT 7, EXC W 20 FT OF E  
 1/2 OF LOT 7 BLK 7.  
 Comments/Influences

6/30/22 VW: INSPECTED, VACANT PARCEL -  
 ATTACHED NEW PHOTO.



Who When What

VW 06/30/2022 INSPECTED

JP 03/14/2010 INSPECTED

JP 03/14/2010 INSPECTED

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 Oceana, Michigan

\*\*\* Information herein deemed reliable but not guaranteed\*\*\*

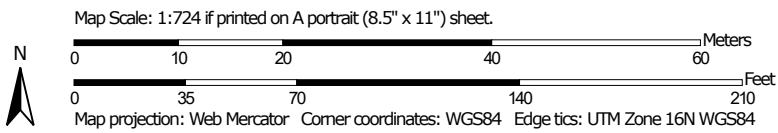
# Appendix 5

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Soil Map—Oceana County, Michigan



Soil Map may not be valid at this scale.






## MAP LEGEND




















### Area of Interest (AOI)







Area of Interest (AOI)

### Soils


-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points

### Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


### Water Features

-  Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### Background

-  Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

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

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

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

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

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

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

Soil Survey Area: Oceana County, Michigan  
 Survey Area Data: Version 17, Aug 29, 2022

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

Date(s) aerial images were photographed: Dec 31, 2009—Nov 4, 2016

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

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
59B	Benona sand, 0 to 6 percent slopes	2.2	100.0%
<b>Totals for Area of Interest</b>		<b>2.2</b>	<b>100.0%</b>



# Appendix 6

---



**3 E Main St**

3 E Main St

Hart, MI 49420

Inquiry Number: 7142167.8

October 10, 2022

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# EDR Aerial Photo Decade Package

10/10/22

**Site Name:**

3 E Main St  
3 E Main St  
Hart, MI 49420  
EDR Inquiry # 7142167.8

**Client Name:**

Fishbeck, Thompson, Carr & Huber  
1515 Arboretum Drive SE  
Grand Rapids, MI 49546  
Contact: Ariane Savoy



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## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: January 01, 1999	USGS/DOQQ
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1986	1"=500'	Flight Date: June 03, 1986	USDA
1977	1"=500'	Flight Date: April 29, 1977	USGS
1972	1"=500'	Flight Date: June 04, 1972	USDA
1965	1"=500'	Flight Date: July 25, 1965	USDA
1955	1"=500'	Flight Date: April 23, 1955	USGS
1938	1"=500'	Flight Date: July 29, 1938	USGS

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INQUIRY #: 7142167.8

YEAR: 2016

— = 500'



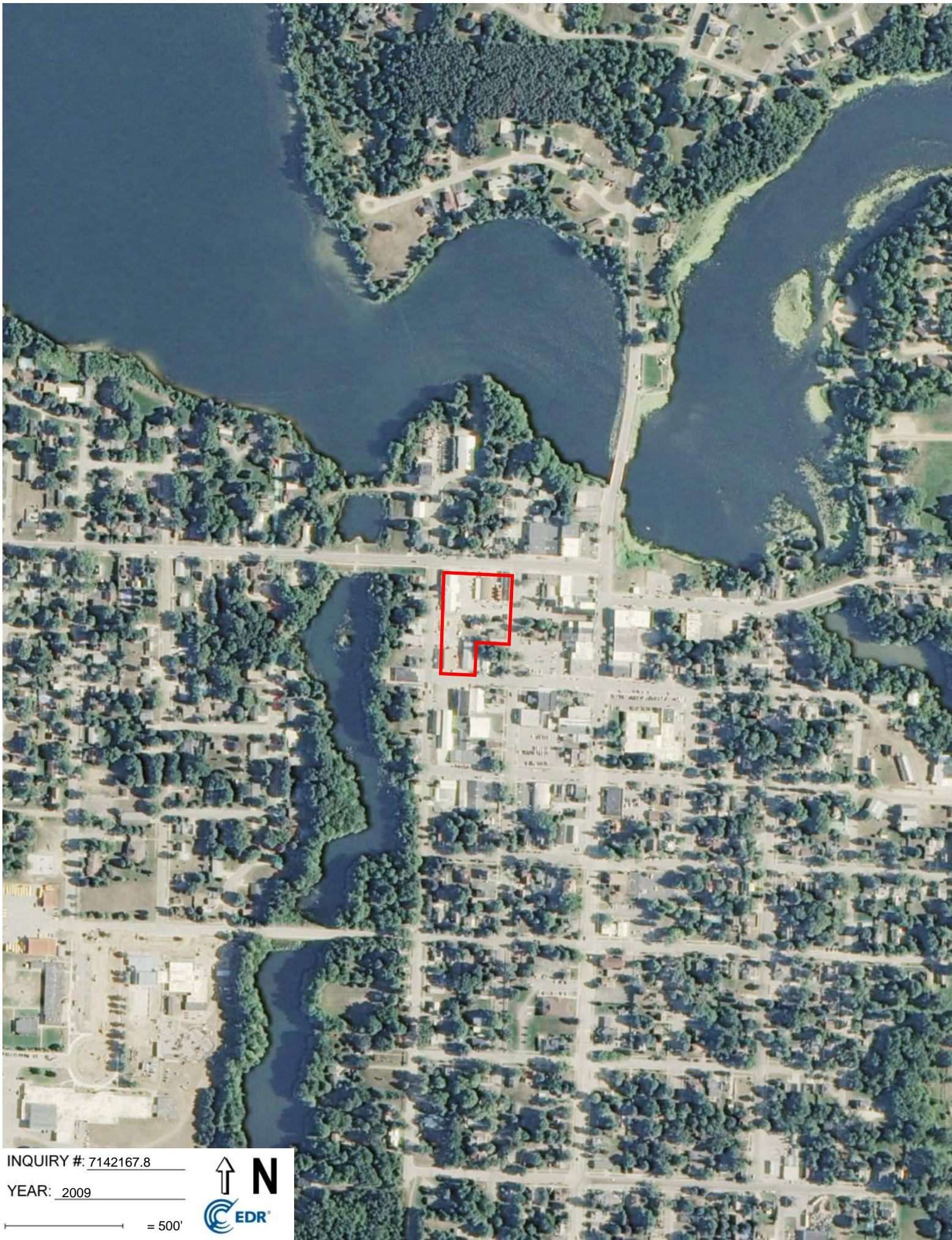


INQUIRY #: 7142167.8

YEAR: 2012

— = 500'





INQUIRY # 7142167.8

YEAR: 2009

— = 500'





INQUIRY #: 7142167.8

YEAR: 2006

— = 500'





INQUIRY #: 7142167.8

YEAR: 1999

— = 500'





INQUIRY #: 7142167.8

YEAR: 1993

— = 500'





INQUIRY #: 7142167.8

YEAR: 1986

— = 500'







INQUIRY #: 7142167.8

YEAR: 1977

— = 500'





INQUIRY #: 7142167.8

YEAR: 1972

— = 500'





INQUIRY #: 7142167.8

YEAR: 1965

— = 500'





INQUIRY #: 7142167.8

YEAR: 1955

 = 500'





INQUIRY #: 7142167.8

YEAR: 1938

— = 500'



3 E Main St  
3 E Main St  
Hart, MI 49420

Inquiry Number: 7142167.4

October 07, 2022

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

10/07/22

**Site Name:**

3 E Main St  
3 E Main St  
Hart, MI 49420  
EDR Inquiry # 7142167.4

**Client Name:**

Fishbeck,Thompson,Carr & Huber  
1515 Arboretum Drive SE  
Grand Rapids, MI 49546  
Contact: Ariane Savoy



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Fishbeck,Thompson,Carr & Huber were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	43.702508 43° 42' 9" North
<b>Project:</b>	221675	<b>Longitude:</b>	-86.365559 -86° 21' 56" West
		<b>UTM Zone:</b>	Zone 16 North
		<b>UTM X Meters:</b>	551119.26
		<b>UTM Y Meters:</b>	4839027.47
		<b>Elevation:</b>	655.12' above sea level

**Maps Provided:**

2019  
2017  
2014  
1983  
1959  
1931

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2019 Source Sheets



Hart  
2019  
7.5-minute, 24000



Mears  
2019  
7.5-minute, 24000

### 2017 Source Sheets



Hart  
2017  
7.5-minute, 24000



Mears  
2017  
7.5-minute, 24000

### 2014 Source Sheets



Hart  
2014  
7.5-minute, 24000



Mears  
2014  
7.5-minute, 24000

### 1983 Source Sheets



Hart  
1983  
7.5-minute, 25000  
Aerial Photo Revised 1977



Mears  
1983  
7.5-minute, 25000  
Aerial Photo Revised 1977



## **Topo Sheet Key**

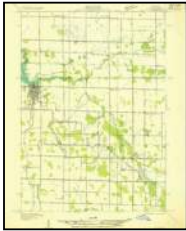
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1959 Source Sheets**



Hart  
1959  
15-minute, 62500  
Aerial Photo Revised 1955

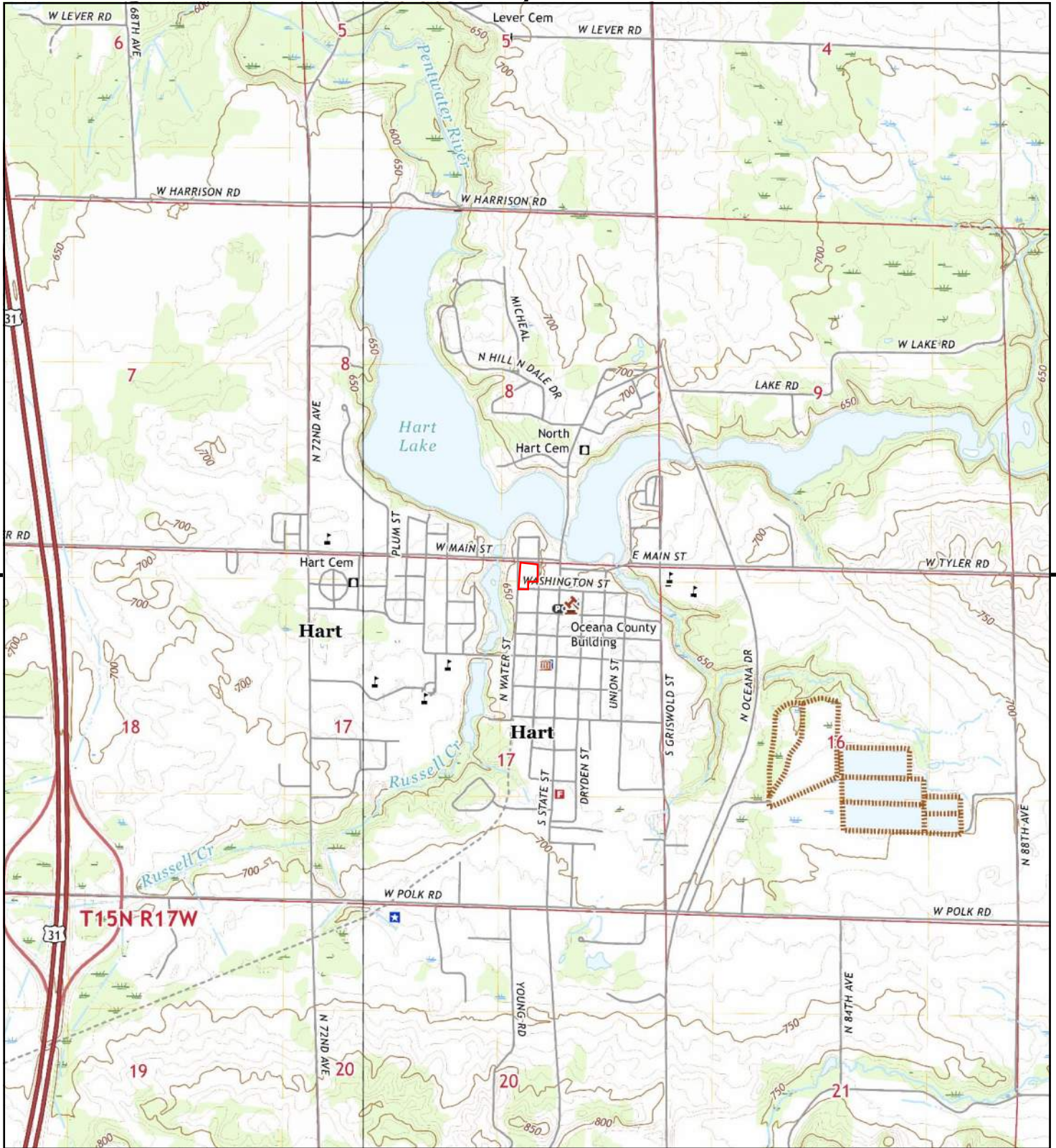
### **1931 Source Sheets**



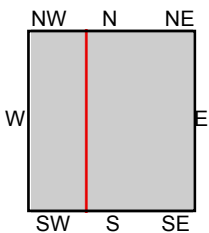
Hart NE  
1931  
7.5-minute, 31680



Hart NW  
1931  
7.5-minute, 31680



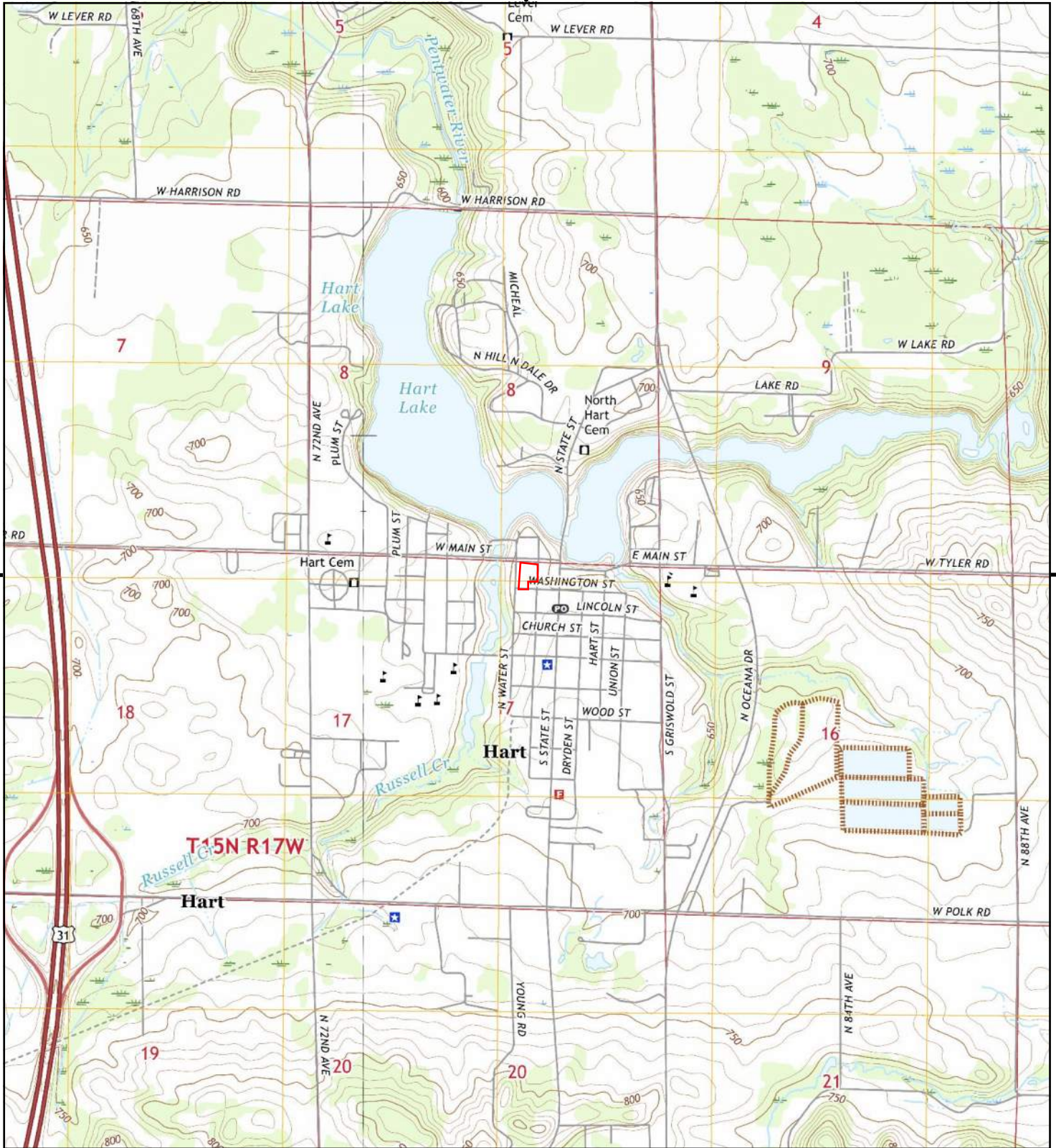
This report includes information from the following map sheet(s).



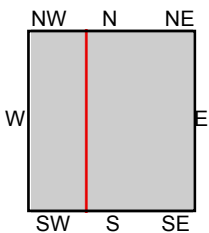
TP, Hart, 2019, 7.5-minute  
W, Mears, 2019, 7.5-minute

SITE NAME: 3 E Main St  
ADDRESS: 3 E Main St  
Hart, MI 49420  
CLIENT: Fishbeck, Thompson, Carr & Huber





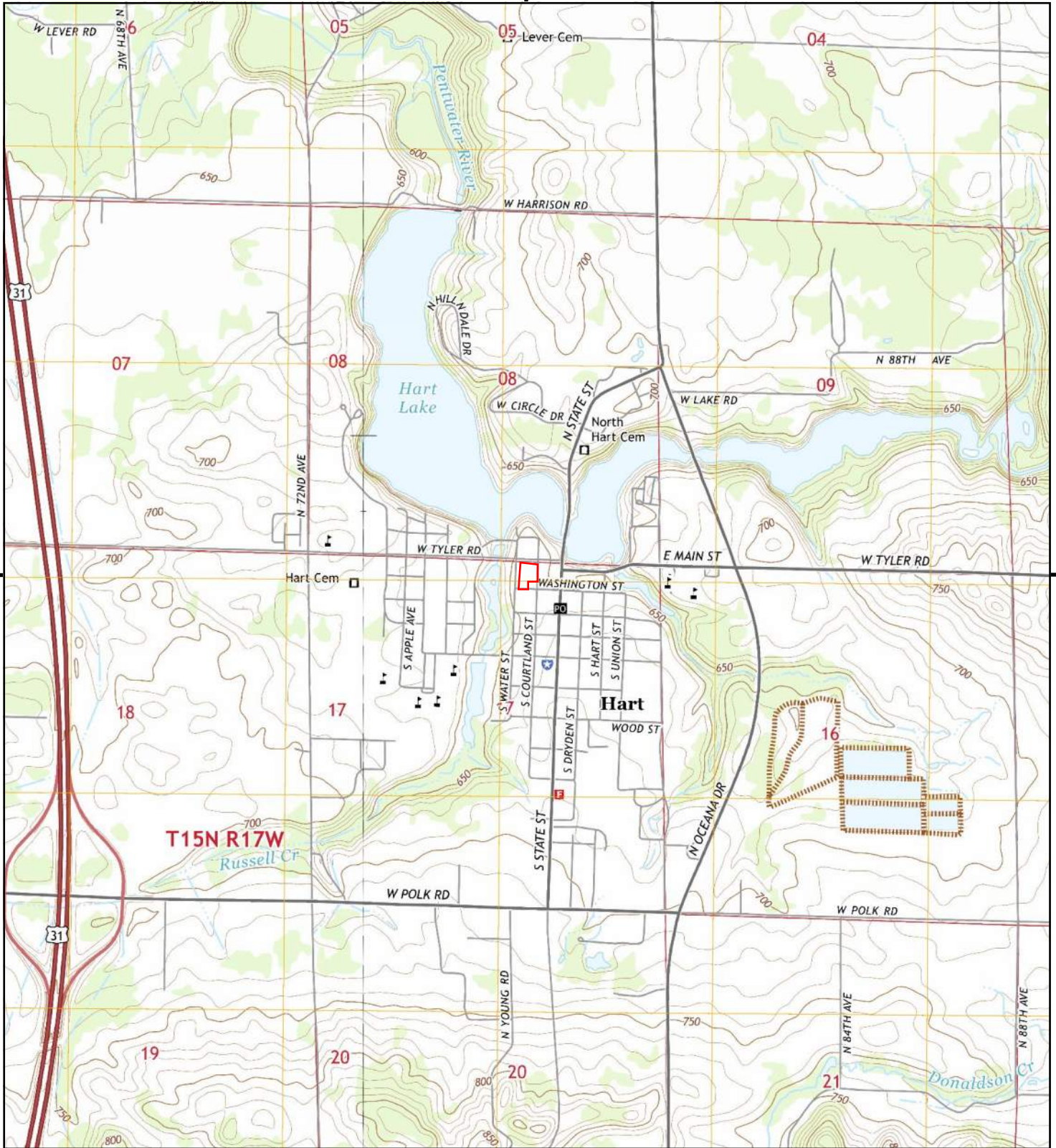
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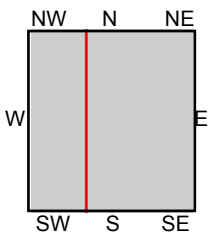
TP, Hart, 2017, 7.5-minute  
W, Mears, 2017, 7.5-minute

SITE NAME: 3 E Main St  
ADDRESS: 3 E Main St  
Hart, MI 49420  
CLIENT: Fishbeck, Thompson, Carr & Huber





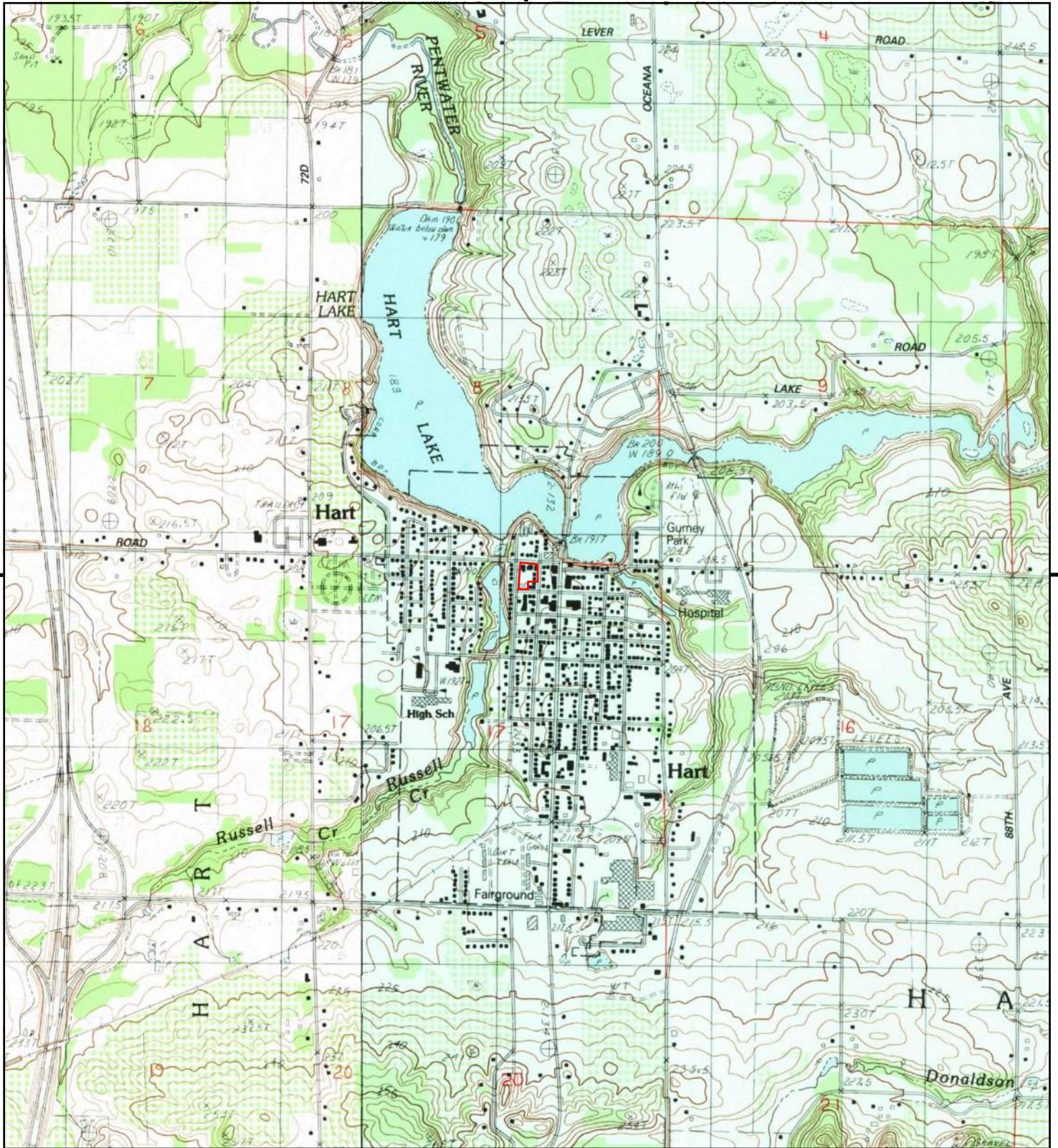
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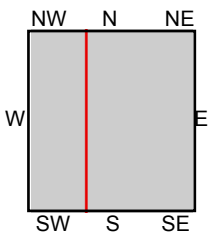
TP, Hart, 2014, 7.5-minute  
W, Mears, 2014, 7.5-minute

SITE NAME: 3 E Main St  
ADDRESS: 3 E Main St  
Hart, MI 49420  
CLIENT: Fishbeck, Thompson, Carr & Huber





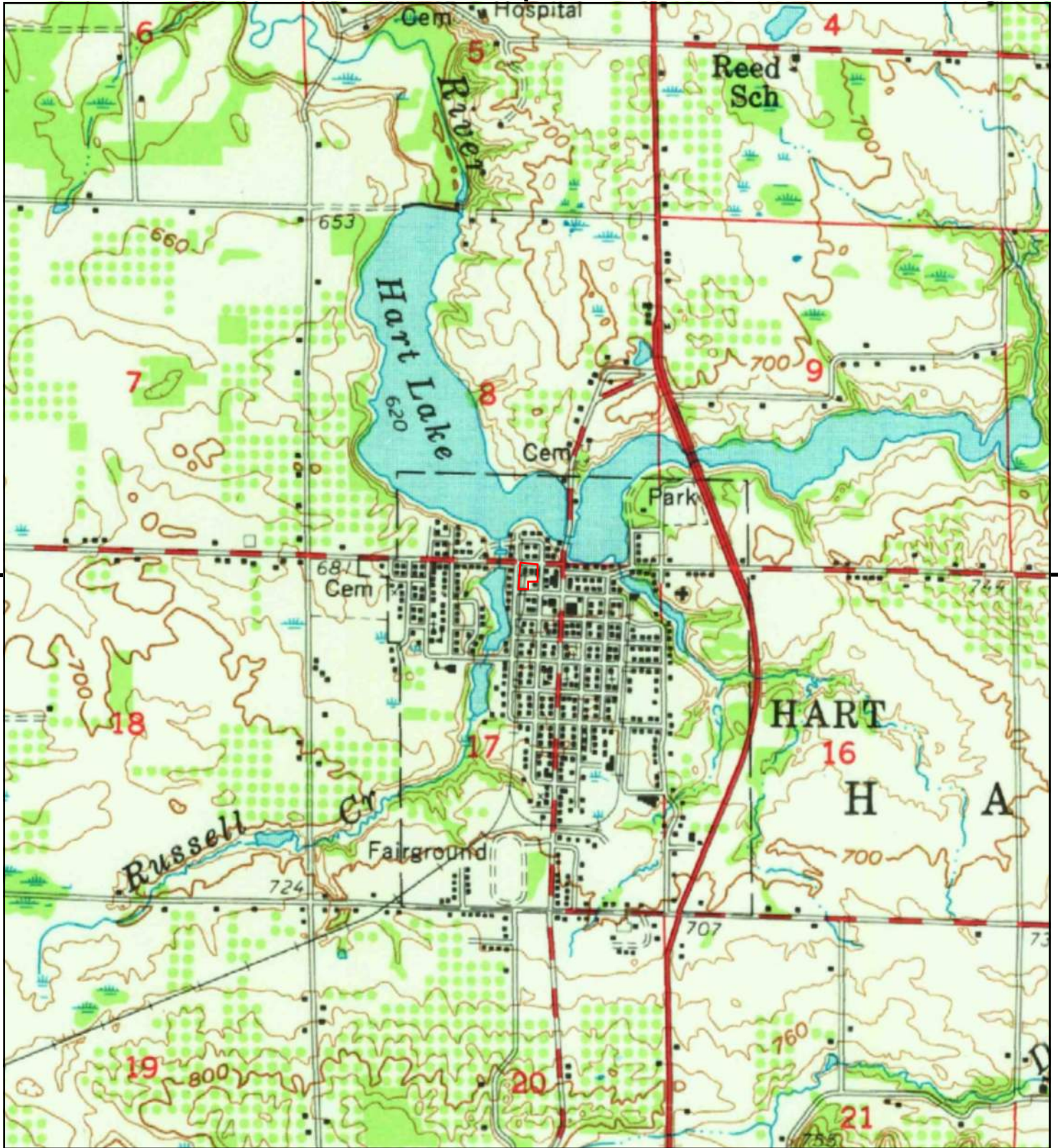
This report includes information from the following map sheet(s).



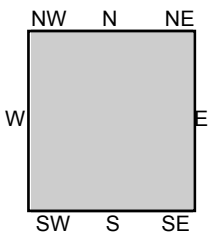
TP, Hart, 1983, 7.5-minute  
W, Mears, 1983, 7.5-minute

SITE NAME: 3 E Main St  
ADDRESS: 3 E Main St  
Hart, MI 49420  
CLIENT: Fishbeck, Thompson, Carr & Huber





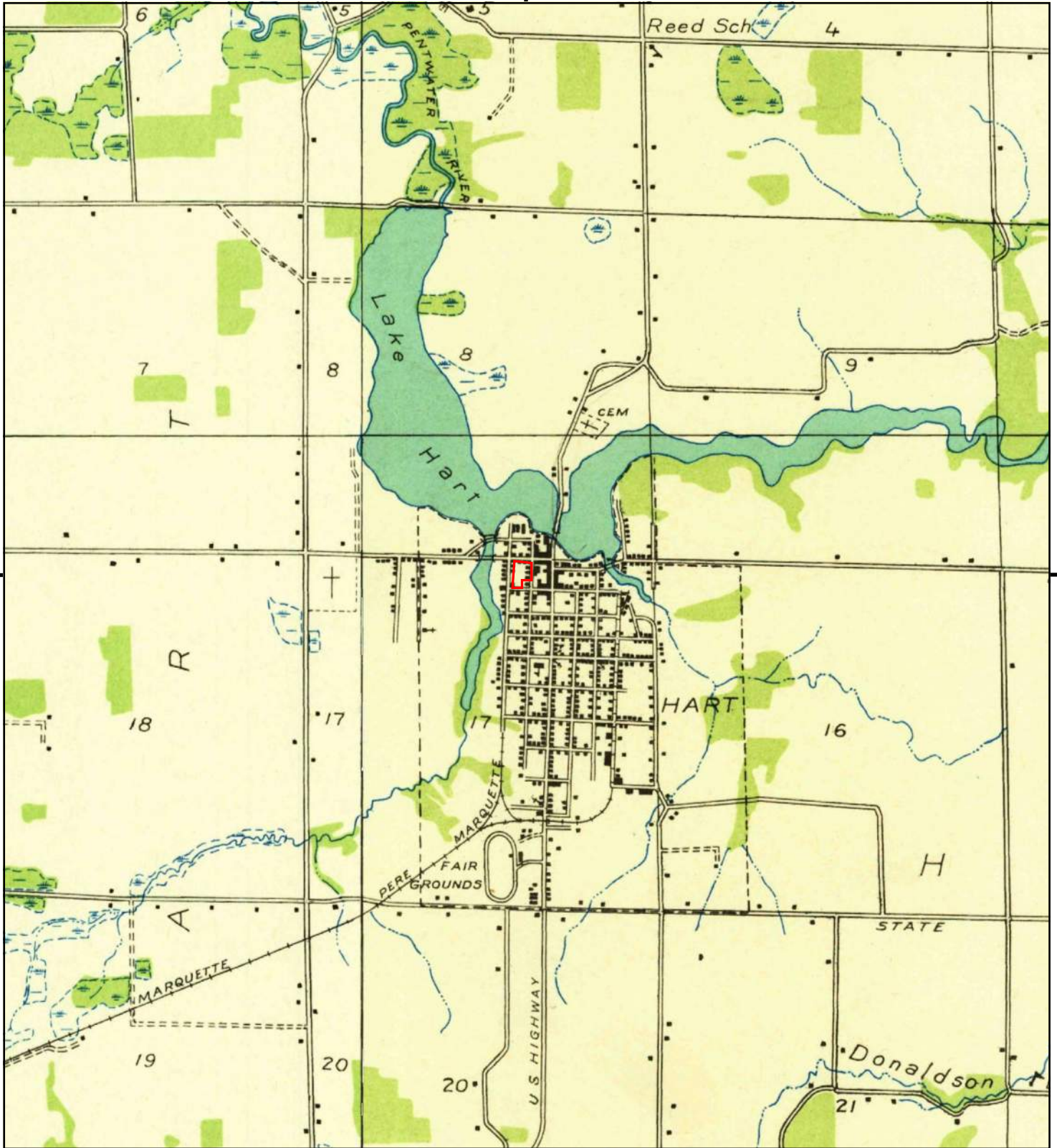
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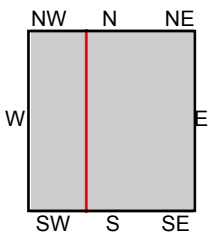
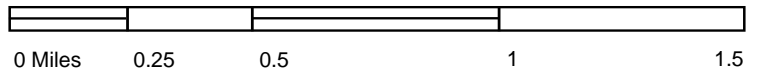
TP, Hart, 1959, 15-minute

SITE NAME: 3 E Main St  
 ADDRESS: 3 E Main St  
 Hart, MI 49420  
 CLIENT: Fishbeck, Thompson, Carr & Huber





This report includes information from the following map sheet(s).



TP, Hart NE, 1931, 7.5-minute  
W, Hart NW, 1931, 7.5-minute

SITE NAME: 3 E Main St  
ADDRESS: 3 E Main St  
Hart, MI 49420  
CLIENT: Fishbeck, Thompson, Carr & Huber



3 E Main St  
3 E Main St  
Hart, MI 49420

Inquiry Number: 7142167.3

October 09, 2022

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
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Toll Free: 800.352.0050  
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# Certified Sanborn® Map Report

10/09/22

**Site Name:**

3 E Main St  
3 E Main St  
Hart, MI 49420  
EDR Inquiry # 7142167.3

**Client Name:**

Fishbeck,Thompson,Carr & Huber  
1515 Arboretum Drive SE  
Grand Rapids, MI 49546  
Contact: Ariane Savoy



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## Certified Sanborn Results:

**Certification #** 97BA-4757-97EF

**PO #** NA

**Project** 221675

**Maps Provided:**

1946  
1930  
1920  
1910  
1900  
1894  
1893



Sanborn® Library search results

Certification #: 97BA-4757-97EF

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- Library of Congress
- University Publications of America
- EDR Private Collection

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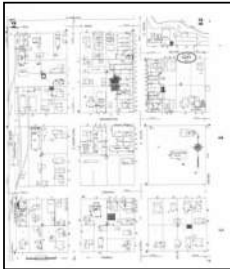


### 1946 Source Sheets



Volume 1, Sheet 2  
1946

### 1930 Source Sheets



Volume 1, Sheet 2  
1930

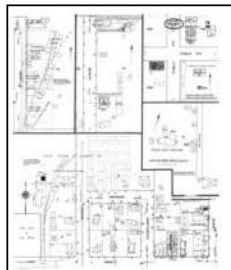


Volume 1, Sheet 2  
1930

### 1920 Source Sheets



Volume 1, Sheet 3  
1920



Volume 1, Sheet 2  
1920

### 1910 Source Sheets



Volume 1, Sheet 2  
1910

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1900 Source Sheets



Volume 1, Sheet 2  
1900



Volume 1, Sheet 2  
1900

### 1894 Source Sheets



Volume 1, Sheet 1  
1894

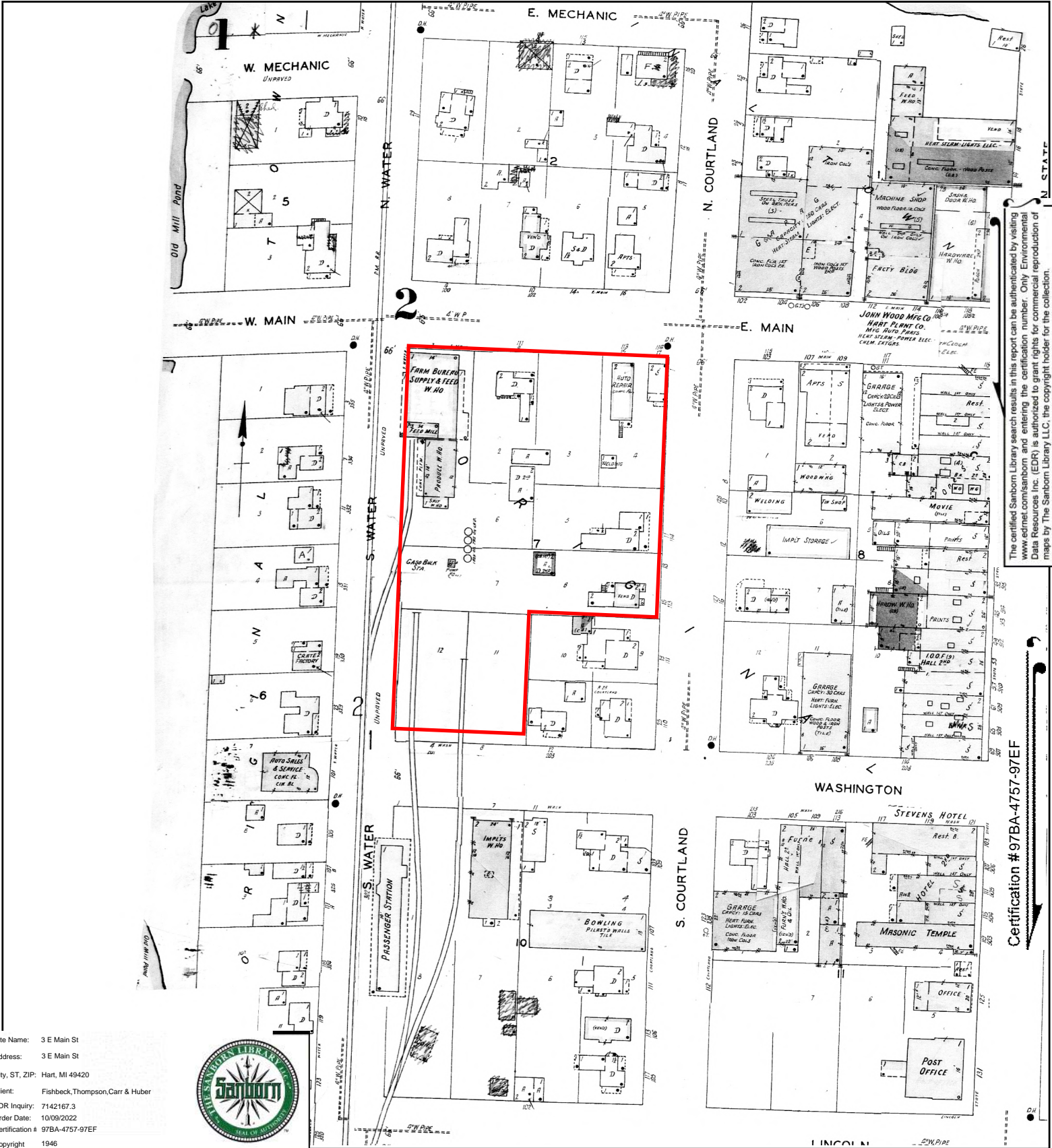


Volume 1, Sheet 1  
1894

### 1893 Source Sheets



Volume 1, Sheet xxxx  
1893



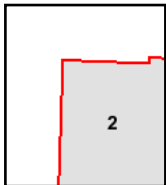
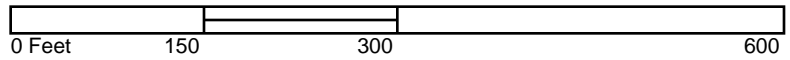
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Site Name: 3 E Main St  
 Address: 3 E Main St  
 City, ST, ZIP: Hart, MI 49420  
 Client: Fishbeck, Thompson, Carr & Huber  
 EDR Inquiry: 7142167.3  
 Order Date: 10/09/2022  
 Certification #: 97BA-4757-97EF  
 Copyright: 1946

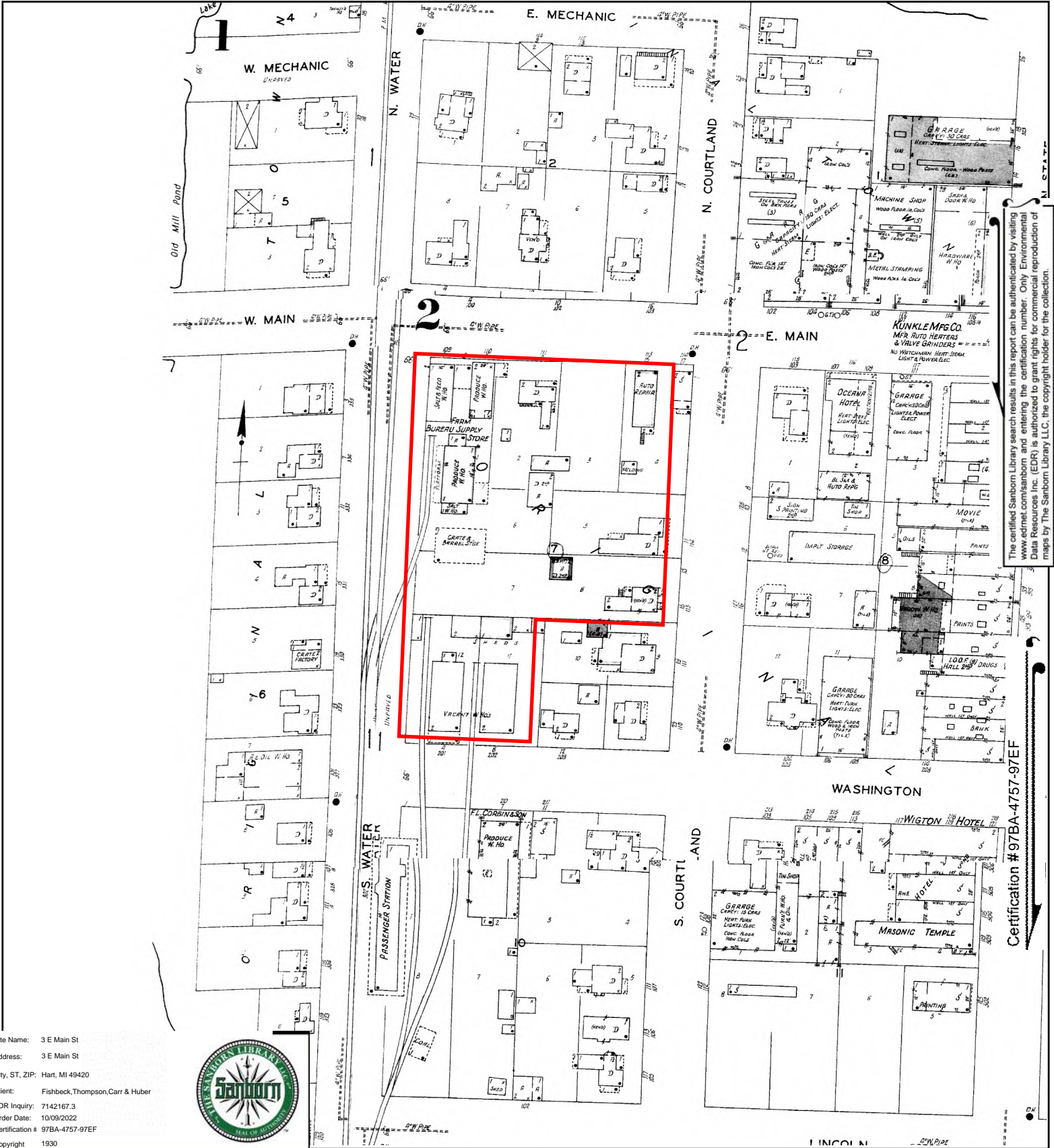


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 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2





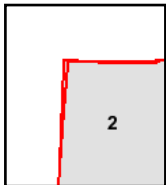
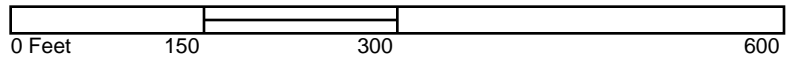
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 EDR Inquiry: 7142167.3  
 Order Date: 10/09/2022  
 Certification #: 97BA-4757-97EF  
 Copyright 1930

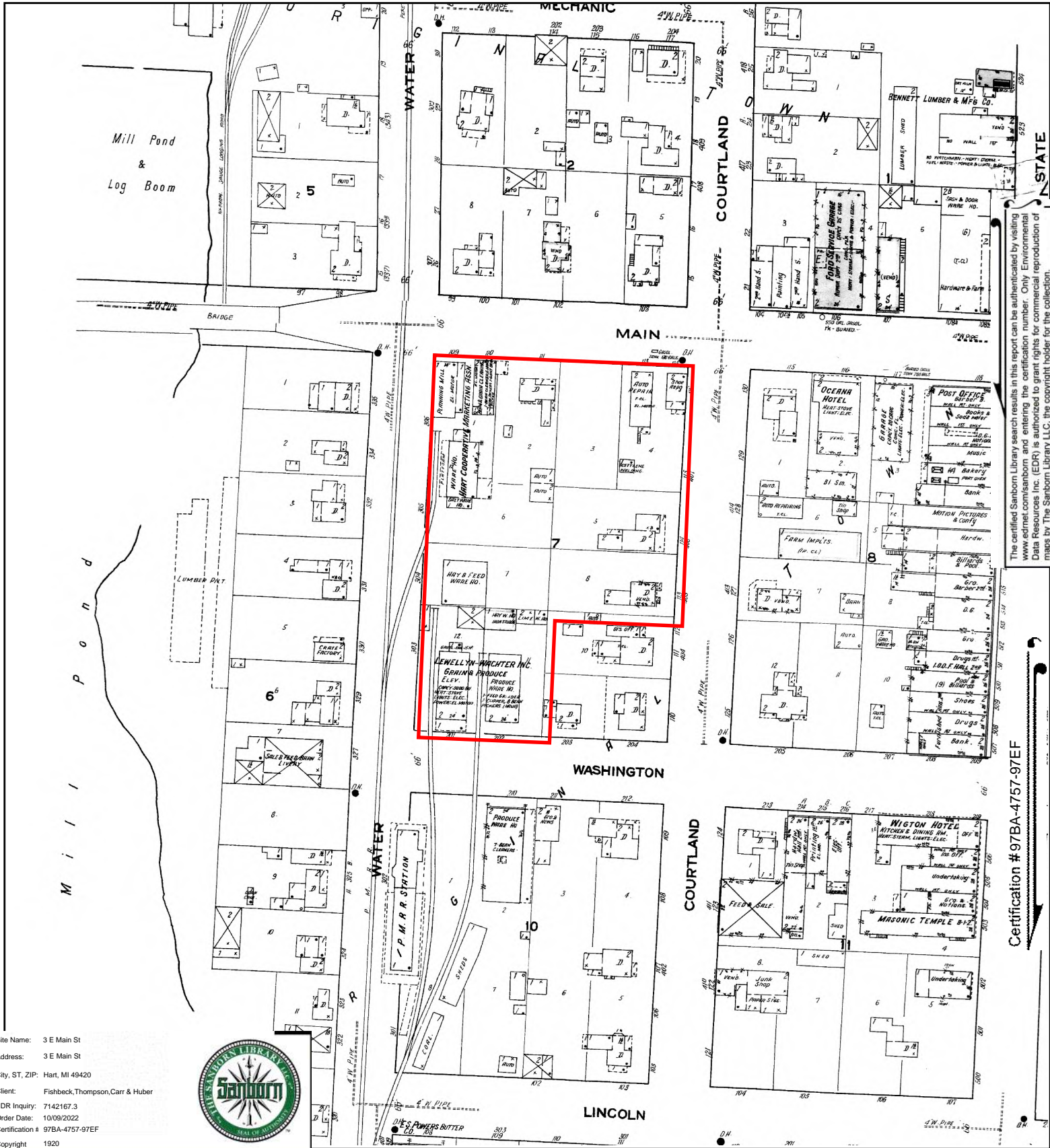


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2  
 Volume 1, Sheet 2





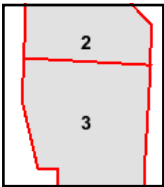
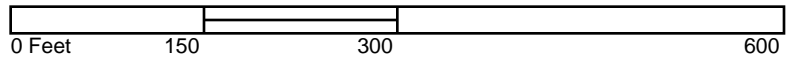
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Certification # 97BA-4757-97EF

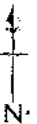
Site Name: 3 E Main St  
 Address: 3 E Main St  
 City, ST, ZIP: Hart, MI 49420  
 Client: Fishbeck, Thompson, Carr & Huber  
 EDR Inquiry: 7142167.3  
 Order Date: 10/09/2022  
 Certification #: 97BA-4757-97EF  
 Copyright: 1920

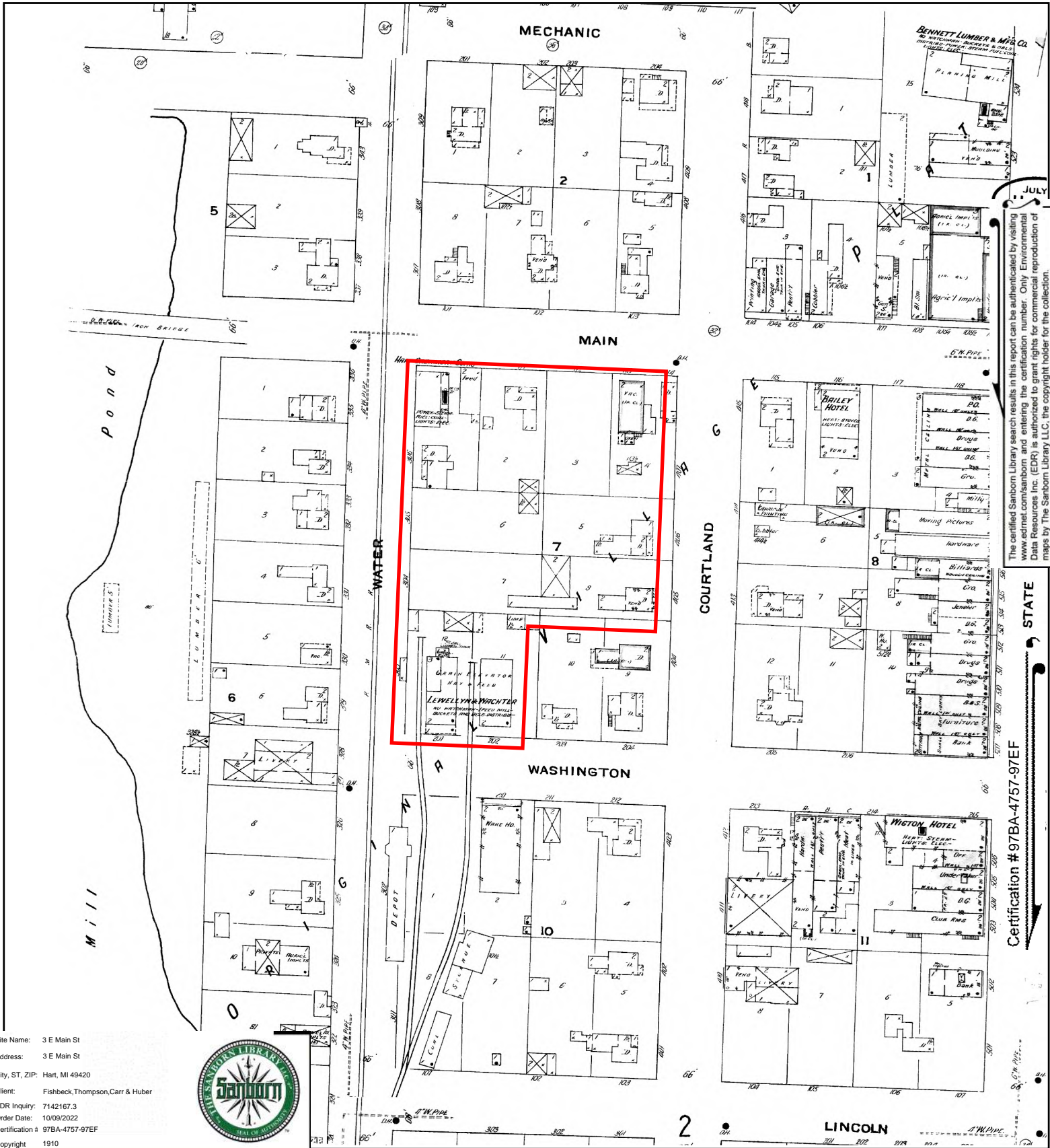


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Volume 1, Sheet 2  
 Volume 1, Sheet 3





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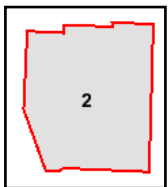
**STATE**

**Certification # 97BA-4757-97EF**

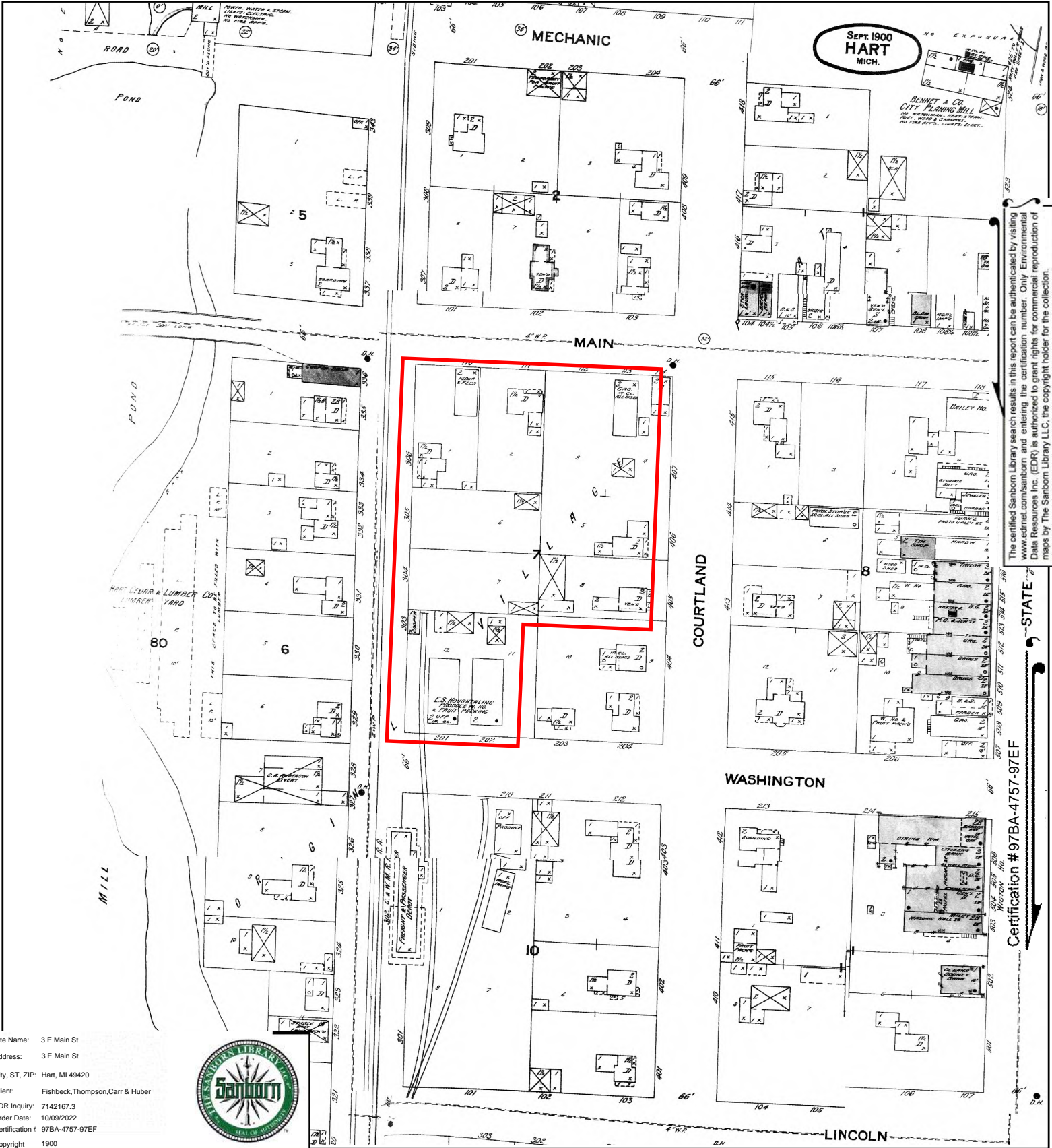
Site Name: 3 E Main St  
 Address: 3 E Main St  
 City, ST, ZIP: Hart, MI 49420  
 Client: Fishbeck, Thompson, Carr & Huber  
 EDR Inquiry: 7142167.3  
 Order Date: 10/09/2022  
 Certification #: 97BA-4757-97EF  
 Copyright: 1910



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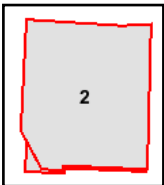
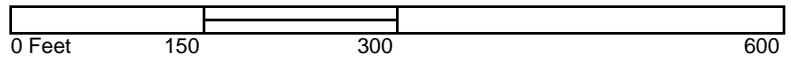
Volume 1, Sheet 2



Site Name: 3 E Main St  
 Address: 3 E Main St  
 City, ST, ZIP: Hart, MI 49420  
 Client: Fishbeck, Thompson, Carr & Huber  
 EDR Inquiry: 7142167.3  
 Order Date: 10/09/2022  
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 Copyright: 1900



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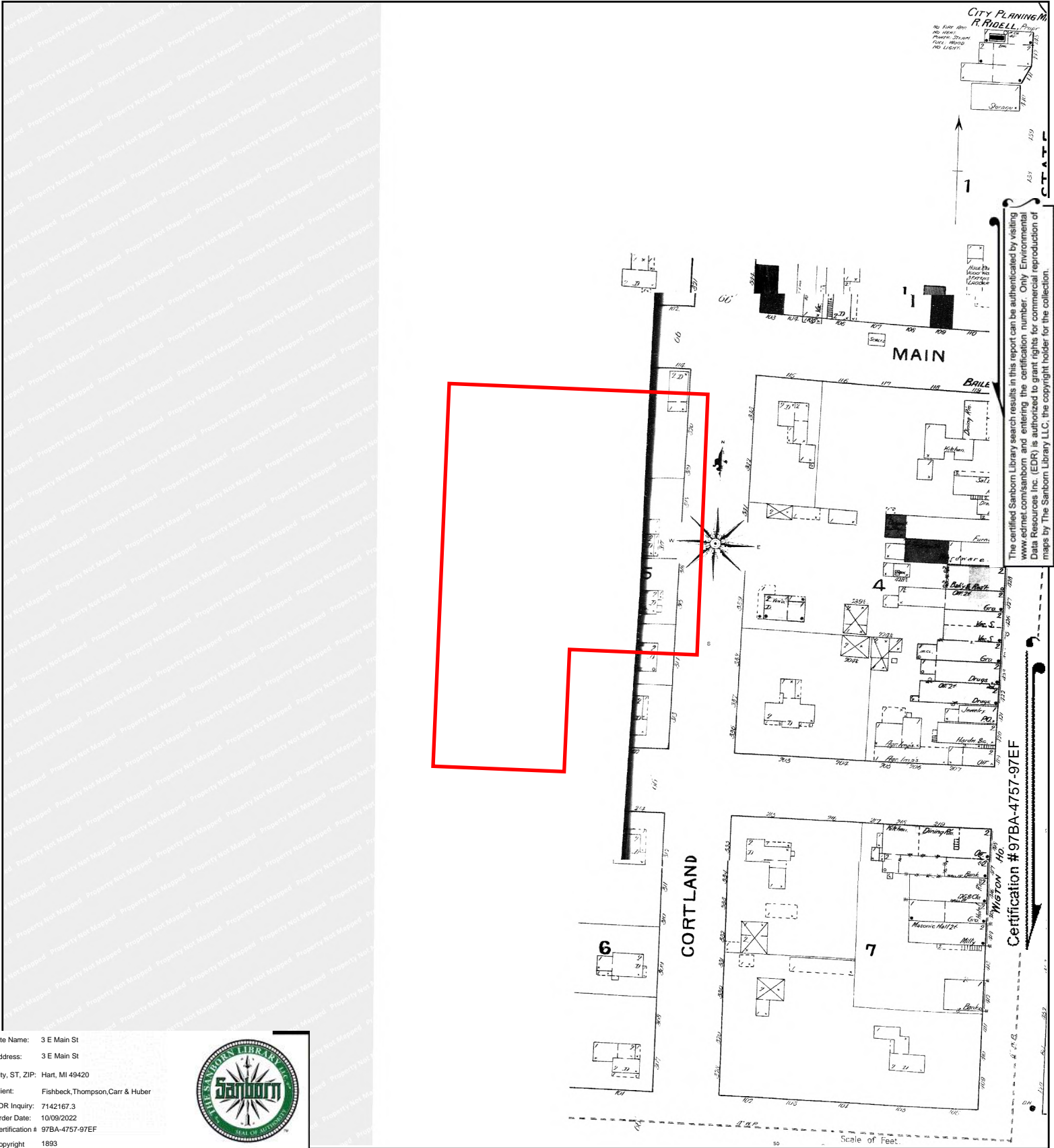


Volume 1, Sheet 2  
 Volume 1, Sheet 2









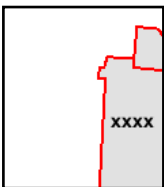
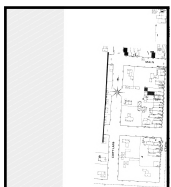
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Certification # 97BA-4757-97EF

Site Name: 3 E Main St  
 Address: 3 E Main St  
 City, ST, ZIP: Hart, MI 49420  
 Client: Fishbeck, Thompson, Carr & Huber  
 EDR Inquiry: 7142167.3  
 Order Date: 10/09/2022  
 Certification #: 97BA-4757-97EF  
 Copyright: 1893



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Volume 1, Sheet xxxx

**3 E Main St**  
3 E Main St  
Hart, MI 49420

Inquiry Number: 7142167.5  
October 12, 2022

# The EDR-City Directory Image Report

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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

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive

## FINDINGS

### TARGET PROPERTY STREET

3 E Main St  
Hart, MI 49420

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### E MAIN ST

2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A10	EDR Digital Archive
2005	pg A13	EDR Digital Archive
2000	pg A17	EDR Digital Archive
1995	pg A20	EDR Digital Archive
1992	pg A23	EDR Digital Archive

# FINDINGS

## CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
2017	pg. A4	EDR Digital Archive
2014	pg. A8	EDR Digital Archive

## W MAIN

## W MAIN ST

2017	pg. A5	EDR Digital Archive
2014	pg. A9	EDR Digital Archive
2010	pg. A12	EDR Digital Archive
2005	pg. A16	EDR Digital Archive
2000	pg. A19	EDR Digital Archive
1995	pg. A22	EDR Digital Archive
1992	pg. A25	EDR Digital Archive

## **City Directory Images**



## E MAIN ST 2017

3	NORTH CENTRAL COOP
10	MARTINEZ, DAVID
14	ESPINOZA, ITZEL A
16	PETERSON, THOMAS E
105	HART PIZZA
109	AMERICAS FITNESS CENTER
112	HEGGS FURNITURE
211	SCHOONERS
213	OCEANA GRAPHICS
215	DEERPATH TECHNOLOGIES
	OCEANA GRAPHICS
	TECH CENTERS
217	ROSE MARIES FLORAL SHOP
219	SIMON, JAMES A
220	HOLCOMB, MATT
222	HITCHCOCK, GERALD M
308	PARSONS, KELLY
311	HART MUSIC SHOP
315	COOK, CHRISTIAN P
316	FLORES, EVA
320	ROGERS, LONNIE
504	BABINEC, MARK E
505	LONGCORE, BUTCH E
507	BAKER, STEVEN R
509	DENNISON, CARL M
510	AMSTUTZ, MATHEW R
513	SULLIVAN, CHARLES E
514	TREJO, GISELA
520	BUOZIS, DAVID J
524	MCCULLEY, DANIEL K
601	LAKESIDE REHAB FAMILY FITNESS & WELL
611	ALBRECHT, DONALD D
	ANN BLACKTOP ACSW
	BLACKTOP, ANN M
	BUCK, CHRISTY
	CHERRY BLOSSOM MANOR
	CHERRY, BLOSSOM
	CHRISTOPHER ULRICH PA C
	CONSTANCE W STRBICH DO
	CYNTHIA OCHS DO
	HART FAMILY MEDICAL
	HART FAMILY MEDICAL CENTER PC
	JENNIFER PA TATE C
	KAHLE, J
	MARY VERMEULEN LMSW
	PAUL WAGNER DO
	POWERS, EVELYN L
	RUDY OCHS DO
	SJS INVESTORS CO
621	OCEANA COUNTY COUNCIL ON AGING

**E MAIN ST      2017      (Cont'd)**

701      OCEANA COUNTY MEDICAL CARE FACILITY  
710      BENHAM, LINDA J  
          CHAPMAN, MELISSA  
          COOK, AMBER N  
          DRAKE, DANNY  
          FORD, DONALD J  
          FORD, ERIN L  
          GARCIA, BECCA  
          GAWRONSKI, JOANN  
          GLEASON, KEVIN C  
          HART HOUSING CO  
          HECKMAN, SEAN  
          JOHNSON, RAYMOND N  
          KELLAMS, ANGELA  
          LAMBRIX, DONALD F  
          LEFEVER, JASON A  
          LOVE, ARTHUR V  
          MEAD, MARY L  
          MILLER, GREGORY L  
          NIEMAN, JANET  
          OPGRAND, IONE M  
          PETERSON, KEELI J  
          SCHULTZ, IMO J  
          SCRIPTER, HELEN M  
          SIMONSON, DAVID D  
          STAHL, FRANCIS C  
          VALLEY, JEFFREY L  
          VANDERLAAN, RHONDA K  
          WHITEHILL, ROY B  
          WILSON, VEL  
          WOODLEY, DAWN L  
          ZAMBOROWSKI, MICHELE

**W MAIN 2017**

126 HART CEMETERY

**W MAIN ST 2017**

2	BROWN, HERM ISLEY, DAVID A SCHAR, JAMES H WARWICK, LINZY
21	GREINER, ANGIE A
24	GALE, JONATHAN C
140	CRUMB, RICHARD W
141	CARRIER, JARED A
150	RAAP, SCOTT SANCHEZ, RAMIRO
151	BRIMMER, CHARLES C CHUCKS PLUMBING & HEATING
160	UNITED STATES GOVERNMENT
161	GILBERT, NORMA A
170	GALE, LYLE D
180	STEWART, BEN J
181	ZARZOZA, JESUS
190	MENDEZ, PEGGY S
260	THOCHER, CHRISTOPHER T
261	PETERS, TERRY L
270	WILDE, IVAN
280	BUTLER, RUSSELL J
350	HERRERA, LYNDA S
351	GORDON, PHILIP M
361	GALINDO, ABDON
450	RUSSELL, DANIEL R
461	GERMAN, MICHELE M
471	WALSWORTH, DUSTIN M

**E MAIN ST      2014**

3      NORTH CENTRAL COOP  
 4      TURNER, JR  
 10     MARTINEZ, DAVID  
 16     PETERSON, THOMAS E  
 105    HART PIZZA  
 107    BROWN CHIROPRACTIC & WELLNESS CENTER  
       BROWN DOUGLAS S DC  
       BROWN FAMILY CHIROPRACTIC PC  
 109    AMERICAS FITNESS CENTER  
 112    HEGGS FURNITURE  
 207    SHEAR PERFECTIONS  
 211    SCHOONERS  
 215    OCEANA GRAPHICS  
 217    ROSE MARIES FLORAL SHOP  
 218    DEBS LAKESIDE CAFE  
 219    BALL, LEE M  
 220    HOLCOMB, MATTHEW W  
 222    HITCHCOCK, GERALD M  
       RAMIREZ, YOLANDA  
 308    PARSONS, KELLY  
       WALKER, BARBARA A  
 315    COOK, CHRISTIAN P  
 316    SALAZAR, GERARD  
 320    OCCUPANT UNKNOWN,  
 324    DEROSE, NANCY  
 326    STEVENS, LAWRENCE J  
 501    AMSTUTZ, A  
 504    BABINEC, MARK E  
 505    GUERTIN, RICHARD  
 507    BAKER, STEVEN R  
 509    DENNISON, CARL M  
 510    AMSTUTZ, MATHEW R  
 514    HERNANDEZ, ROSA  
 520    BUOZIS, DAN J  
 524    MCCULLEY, DANIEL K  
 601    LAKESIDE COMPREHENSIVE REHABILITATIO  
 611    ALBRECHT, DONALD D  
       ANDERSEN, ORVAL L  
       BAKKER, MARIJO  
       BLACKTOP ANN LMSW  
       CHERRY BLOSSOM MANOR  
       CHRISTMAN, ROGER J  
       CLARK, EVELYN M  
       HART FAMILY MEDICAL  
       HART FAMILY MEDICAL CENTER  
       OCHS RUDY DO  
       POWERS, EVELYN L  
       SEAMAN, ESTHER  
       SJS INVESTORS CO  
       STAHELIN, GLENNA

**E MAIN ST      2014      (Cont'd)**

611    TATE JENNIFER PAC  
      ULRICH CHRISTOPHER PAC  
      WAGNER PAUL DO  
621    OCEANA COUNTY COUNCIL ON AGING  
633    REVILLA, ANTONIO J  
701    OCEANA COUNTY MEDICAL CARE FACILITY  
710    ARQUETTE, DEBORAH L  
      BATTICE, DUANE S  
      BENHAM, LINDA J  
      BRUBAKER, BRADLEY  
      COOK, AMBER N  
      DAVIS, KASEY  
      ESTABROOK, CHERY L  
      FATSEAS, THOMAS  
      FORBES, NANCY A  
      FORD, JACK  
      GAWRONSKI, JOANN  
      HART HOUSING CO  
      HOEKWATER, AARON  
      JAMES, BRIAN M  
      KEENA, CHARLENE  
      LAMEPIX, DONALD  
      LEISTER, TINA R  
      LOMBARD, ALLEN J  
      MEAD, MARY L  
      MILLER, GREGORY L  
      NIEMAN, JANET  
      OPGRAND, IONE M  
      PURDY, NORMA J  
      SCHULTZ, IMOJEAN J  
      SNYDER, DIANA L  
      SPAFINSKI, JASON K  
      STEWART, MARTY F  
      VANDERLAAN, RHONDA K  
      VANDERZANDEN, BRIAN C  
      VARENHORST, JOHN H  
      WILSON, VEL  
      WOODLEY, DAWN L  
      ZAMBOROWSKI, RICHARD J

**W MAIN 2014**

136 TUBBS, GARY D

**W MAIN ST 2014**

2	ISLEY, DAVID A PRATT, RUSSELL D SCHAR, JAMES H
21	MARSHALL, TROY S
24	GALE, CARL L
139	OCCUPANT UNKNOWN,
140	CRUMB, RICHARD W
141	VELA, LEXI
150	BEGGS, FRANCES MUNOZ, LUIS SANCHEZ, RAMIRO
151	BRIMMER, CHARLES C CHUCKS PLUMBING & HEATING
160	URICK, WALTER A
161	GILBERT, NORMA A
170	GALE, LYLE D
171	KUMZI, JAMES
180	STEWART, BEN J
181	WHITE, TRACY A
190	MORALES, PEGGY S
204	OCCUPANT UNKNOWN,
251	SLEIGHT, CLAY J
260	OCCUPANT UNKNOWN,
261	PETERS, TERRY L
271	OCCUPANT UNKNOWN,
280	BUTLER, RUSSELL J
350	HERRERA, LYNDA S
351	GORDON, PHILIP M
450	RUSSELL, DANIEL R
461	SALDANA, CHRISTINA L
471	WALSWORTH, DUSTIN M



**E MAIN ST      2010**

3	HART COOP INC
4	TURNER, WILLIAM E
10	ZACK, WILLIAM
14	ESPINOZA, ITZEL
17	FARMERS PETROLEUM COOP
107	MAPLEWOOD HOME BUILDERS INC
109	TOTAL FITNESS
112	HEGGS GALLERYFINE FURNITURE
207	COUNTRY BOY PRODUCTS INC
211	SCHOONERS
215	OCEANA GRAPHICS
217	ROSE MARIES FLORAL SHOP
218	SUNSHINE CAFE ON THE LAKE
219	SIMON, JAMES S
222	RAMIREZ, YOLANDA
308	PARSONS, SHIRLEY I
310	HEGG STUDIO
315	COOK, CHRISTIAN P
	COTTAGE RENOVATORS
316	LABAR, SCOTT N
	MCCULLEY, DANIEL J
320	CARPENTER, SCOTT
324	MONTGOMERY, JENNIFER B
326	STEVENS, LAWRENCE J
501	AMSTUTZ, ALICE J
504	BABINEC, MARK E
507	BAKER, STEVEN R
509	DENNISON, CARL M
510	AMSTUTZ, EMALINE
513	SULLIVAN, CHARLES E
514	HERNANDEZ, ROSA
520	BUOZIS, DAN J
523	CHILDS PLAY DAYCARE CTR
524	MCCULLEY, DARCI J
601	LAKESIDE COMPREHENSIVE REHAB
611	ANDERSEN, ORVAL L
	ATEN, BARBARA
	CHERRY BLOSSOM MANOR INC
	GERSTEN, DEBRA
	HART FAMILY MEDICAL ASSOC
	JEFFERY, WARREN D
	MILLER, PAULINE
	SJS INVESTORS CO
	SPENCER, JOHN
	TATE, WAYNE R
	VOLPP, CARALIE A
	WEST, C
	WHIPPLE, MAXINE
621	OCEANA COUNCIL OF AGING INC
627	PEARSON, EVALINE E

**E MAIN ST****2010****(Cont'd)**

633	REVILLA, TONY
701	FUEHRING MARGARET D MEML CARE OCEANA COUNTY MEDICAL CARE
710	BAKER, LINSEY BALCOM, SHIRLEY A BAXTER, KIMBERLEY BENHAM, LINDA J COOK, AMBER CORY, J ERICKSON, KATIE ESTABROOK, CHERY L FORD, JACK GARLAND, DON GARLAND, HUNTER HART HOUSING CO JACOBS, IDA M KELCH, MICHAEL KLUDY, MICHAEL D KUIZENGA, WENDY R LAVASSEUR, AMANDA LEECE, MELISSA MCCELLAN, JACKIE MESLER, DIANE K MILLER, GREGORY L NICHOLS, CHRISTINA OPGRAND, IONE M OVERLA, MARY ROCKWELL, BARBARA RODRIGUEZ, STACI SCHULTZ, IMOJEAN J STEINHAUS, G STEWART, MARTY F VANDERLAAN, RHONDA K VANDERZANDEN, JOHN W VANNETT, JAMES M VEGA, MELISSA L WILSON, VEL WOODLEY, DAWN

**W MAIN ST      2010**

2	BOSSE, PAULETTE S CARPENTER, DAVID MUNOZ, NORBERTO K ROBBINS, RONALD
24	GALE, CARL L
126	HART CEMETERY
136	TUBBS, GARY D
139	BUTLER, RUSSELL J
140	CRUMB, RICHARD W
150	BAHENA, RICARDO O MEDINA, ESMERALDA S MUNOZ, LUIS PICKARD, CONNIE SANCHEZ, RAMIRO
151	BRIMMER, CHARLES C CHUCKS PLUMBING & HEATING
160	URICK, WALTER A
161	GILBERT, NORMA A
171	HOXIE, PATRICIA C
181	GARCIA, LETICIA
190	MENDEZ, PEGGY S
250	PERT, ALLAN S
251	SLEIGHT, CLAY J
351	GORDON, PHILIP M
451	CHAPMAN, ROBERT M
461	GREINER, MARK K ORTEGA, STEVE

**E MAIN ST      2005**

3	FARMERS PETROLEUM INC HART COOP
4	TURNER, WILLIAM E
10	BEACH, JOEL A
17	BILLS STARTER & ALTERNATOR
105	ROLL IN BAKERY & CAFE LLC
107	EVERGREEN TRAILS SPORT SHOP
109	TOTAL FITNESS
112	HEGGS FURNITURE INC
207	CURVES
209	GLOBAL TECHNOLOGIES & DESIGN
211	SCHOONERS
213	HART PIZZA
215	OCEANA GRAPHICS
217	ROSE MARIES FLORAL SHOP
218	LAKEFRONT CAFE
219	SIMON, JAMES S
222	RAMIREZ, YOLANDA
227	WALKERS FINE DINING INC
253	DAVIS, C
308	PARSONS, FREDERICK A WALKER, BARBARA A
310	HEGGS STUDIO
313	M & M STORE INC
315	COOK, CHRISTIAN P
316	DANS DRYWALL MCCULLEY, DANIEL J
320	WOODALL, KRISTIE L
324	MONTGOMERY, J B
326	STEVENS, LINDA L
330	WALTS KWIK MART
373	KING, REBECCA
395	ARIAS, ANA T
501	AMSTUTZ, ALICE J
505	HILDRETH, ROBERT S
507	BAKER, STEVEN R
513	SULLIVAN, CHARLES E SULLYS INVESTMENTS LLC
520	BUOZIS, DAN J
523	CHILDS PLAY DAYCARE CENTER
524	ZOKOE, JOHN
601	LAKESIDE COMPREHENSIVE REHABILITATIO
611	ANDERSON, ANNE BAGDONAS, JOSEPH B CAUCHIE, WILLIAM CHERRY BLOSSOM MANOR INC FOWLER, BURTON GILBERT, NORMA A GREINER, THERESA HARRIS, THERESA

## E MAIN ST

2005

(Cont'd)

611 HART FAMILY MEDICAL ASSOCIATES  
 HITTLE, C  
 MEEHAN, HELENA  
 MERCY GENERAL HEALTH PARTNERS  
 PEARSON, EVALINE E  
 PERSSON, SHIRLEY  
 SPENCER, JOHN  
 TATE, WAYNE R  
 TICE, WILLARD  
 VOLPP, WILLIAM G  
 621 GREEN THUMB INC  
 NUTRITIONAL SERVICES FOR OLDER  
 OCEANA COUNTY COUNCIL ON AGING  
 633 REVILLA, ANTONIO J  
 701 JACKSON, KATHRYN C  
 OCEANA COUNTY MEDICAL CARE FACILITY  
 710 BALCOM, SHIRLEY A  
 BAXTER, KIMBERLEY  
 BRADSHAW, JOSEPH A  
 BRIMMER, ANTHONY G  
 COOPER, BAMBI  
 CUSHMAN, DARLENE J  
 ESTABROOK, CHERYL L  
 FELIX, RUBEN  
 FOUST, SHERRY  
 GARCIA, GREG J  
 GARLAND, DON  
 GARLAND, HUNTER  
 GARVEY, CHEYANNE  
 HANSMA, JUDITH N  
 HARJES, JONI  
 HART HOUSING CO  
 HATINGER, RUBY M  
 HILLIARD, BRENT  
 HOOD, ASHLEY  
 HOTRUM, EVELYN  
 JONES, LAURIE C  
 KIHN, AUSTIN  
 KLUDY, HEIDI  
 KOZLOSKI, RICHARD  
 KUIZENGA, WENDY R  
 LAMBSON, RACHELLE  
 MANNOR, JOHN M  
 OPGRAND, IONE M  
 PONTIUS, JOHN E  
 PUENTE, PAMELA M  
 RAPSON, JUDENE  
 ROCKWELL, BARBARA  
 RYDER, HAILEY  
 SHERMAN, SAMANTHA

**E MAIN ST      2005      (Cont'd)**

710	SIMMS, MARY
	SIMON, MARJORIE J
	SIMONDS, CHARLES L
	SMITH, THELMA J
	SNYDER, LOUISE M
	TENNANT, ALICE M
	THOMPSON, CRYSTAL M
	TURNER, AMY
	VALLEY, DEANNA
	VANBROCKLIN, FAYE M
	VANDERLAAN, RHONDA K
	WALDEN, ERICA
	WICKLUND, PAT
721	LUKE, TERRIE

**W MAIN ST 2005**

2	ANDAVERDE, JOSE M
	BAXCAJAY, JUANA
	BAXTER, CARI
	BOSSE, PAULETTE S
	BRITT, RONALD E
	HILL, JAMES L
	NOLAZCO, YESSICA
	PIEDRA, TOMAS
	PRESLEY, HILDA
	STEVENS, ERIK A
10	ZACK, WILLIAM
24	GALE, JON C
110	CORNER GARAGE
126	SLEIGHT, CLAY
130	WOODLEY, LEO L
136	TUBBS, GARY D
139	BUTLER, RUSSELL J
140	CRUMB, RICHARD W
141	PANGBURN, MAE
150	AGUILAR, LUIS
	BAHENA, RICARDO O
	GONZALEZ, JESUS D
	PICKARD, CONNIE
	SANCHEZ, RAMIRO
	WALTON, MELTON W
151	BRIMMER, CHARLES C
160	URICK, ESTHER E
161	GILBERT, NORMA A
170	GALE, JAMES L
171	HOXIE, PATRICIA C
180	FOSTER, JEANNE L
181	GUERRERO, NABOR
204	GORDON, PHILIP M
212	MORGAN, TONYA
260	HALLACK, DANIEL E
270	WILDE, ADDIE C
350	MASON, LYNDA S
351	GORDON, RHONDA K
361	WALSWORTH, ANDREW W
371	BURILLO, CATALINA
450	HAASE, ROSE E
451	CHAPMAN, BETTY J
461	GREINER, MARK K
	ORTEGA, STEVE

**E MAIN ST      2000**

3 HART COMP INCORPORATED  
 4 TURNER, WILLIAM E  
 10 DOWLING, SANDRA  
 14 LIPSKI, CRAIG  
 16 PETERSON, MAE I  
 17 FARMERS PETROLEUM COMPANY OPERATIVE INCORPORATED  
 102 LEWIS, ARNOLD A  
 105 RODRIGUEZ, MARIA D  
 108 HART BARBER SHOP  
 STEVENS WILLIAM  
 109 LAKEVIEW ANTIQUES PLUS  
 112 HART TRUE VALUE HARDWARE  
 206 HART DAIRY DELIGHT  
 209 EAST SIDE PAWN & OUTLET SHO  
 211 SCHOONERS  
 213 HART PIZZA  
 215 OCEANA GRAPHICS  
 217 ROSE MARIES FLORAL SHOP  
 219 SIMON, FRANCES M  
 222 THRAILKILL, GARY S  
 227 WALKERS BAR & COLONIAL DINING ROOM  
 308 SNIDER, EUGENE  
 WALKER, B A  
 315 COOK, C  
 316 MCCULLEY, DANIEL J  
 326 STEVENS, LINDA  
 351 GORDON, PHILLIP P  
 361 GREINER, MICHAEL E  
 437 GAMBLE, P A  
 501 AMSTUTZ, LEONARD  
 504 BABINEC, ANN C  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL  
 510 AMSTUTZ, ROBERT  
 513 SULLIVAN, CHARLES  
 514 TOWNE, GLEN  
 523 KIDDY COLLEGE  
 601 PROTECTIVE SERVICES FOR ADULTS & CHILDREN  
 610 CHILD ABUSE OR NEGLECT  
 OCEANA COUNTY GOVERNMENT SATELLITE OFFICE  
 611 BAGDONAS, JOSEPH B  
 BLACKTOP, ANN  
 CHERRY BLOSSOM MANOR INCORPORATED  
 CROSS, V  
 GILBERT NORMA A MD  
 GOEHRING, JEROLD P  
 GREINER, T  
 HART FAMILY MEDICAL ASSOCIATES PC  
 NAAZ PARVEEN MD  
 OCHS RUDY DO



## E MAIN ST

2000

(Cont'd)

611 PRANGER, F  
 SCHANER, PETE  
 SCOTT, ROSE  
 SJS INVESTORS CO FAX NUMBER  
 SJS INVESTORS COMPANY  
 SMITH PAUL DO  
 SMITH, PAUL D  
 STABICK RUBY DO  
 STRBICH CONSTANCE DO  
 WAGNER PAUL DO  
 WHITEHEAD, B  
 WYCKOFF, W

621 NUTRITIONAL SERVICES  
 OCEANA COUNTY COUNCIL ON AGING

627 PEARSON, C

633 LABAR, SCOTT N

701 MEDICAL CARE FACILITY  
 OCEANA COUNTY GOVERNMENT MEDICAL CARE FACILITY

710 ALLEN, J L  
 BARNETT, C M  
 BRADSHAW, JOSEPH A  
 BURSLEY, MARLEAH  
 CAREY, LINDY S  
 CORY, LINDA  
 DELORE, KARIE  
 ELLISON, SAMUEL E  
 GARCIA, CAROLYN  
 GILBERT, ANDREAS T  
 HART HOUSING CO  
 JACOBS, IDA  
 KOZLOSKI, WILMA M  
 KURTZ, VEVA M  
 LAMBRIX, DONALD F  
 MCCANN, TABITHA  
 PFAFF, LOLA  
 PONTIUS, JOHN  
 PUENTE, PAMELA M  
 RIELLY, STACI K  
 ROSENCRANS, C S  
 SHARP, DANNY  
 SIMON, M  
 SMITH, ALLEN J  
 TENNANT, ALICE M  
 TURNER, AMY  
 VANDERLAAN, RHONDA K  
 VANNETT, D A  
 VANNETT, JIM

**W MAIN ST      2000**

2	BAXTER, CARL D GRINWIS, THOMAS L
21	HART ANIMAL CLINIC MARSHALL S DVM
22	MARSHALL S M DVM
24	GALE, CARL
25	GALE, CARL
109	URICK, WALTER
113	GALE, LYLE
126	HART CEMETERY SLEIGHT, JANENE
127	CARLSON, WILMER
130	WOODLEY, LEO
131	THOCHER, C
135	WILDE, ADDIE
136	TUBBS, GARY
139	BUTLER, RUSSELL J
140	CRUMB, RICHARD W
141	VELA, HEIDI S
151	BRIMMER, CHARLES CHUCKS PLUMBING & HEATING
160	URICK, WALTER A
161	GILBERT, NORMA A
180	FOSTER, JENNE
181	WHITE, RANDY
190	MENDEZ, PEGGY
204	GORDON, PHILIP
211	HERRERA, ALBERTO
250	CARLSON, WILMER
270	WILDE, ADDIE
304	CHAPMAN, BETTY J
350	HERRERA, ALBERT
361	GREINER, MICHAEL
437	GAMBLE, P A
461	MCMILLIN, DORIS M
471	GUTIERREZ, ANGELA

**E MAIN ST      1995**

3	COUNTRYMARK INC GREAT LAKES IRRIGATION
4	TURNER, WILLIAM E JR
10	DOWLING, GREG
14	LIPSKI, CRAIG
16	PETERSON, MAE I
17	FARMERS PETROLEUM CO OP INC
105	KELSEY, KATRINA
108	HART BARBER SHOP STEVENS, WILLIAM
112	TRUE VALUE HARDWARE
207	HAIR DESIGNING UNLIMITED
213	HART PIZZA
215	OCEANA GRAPHICS
217	ROSE MARIES FLORAL SHOP
218	OCCUPANT UNKNOWNN
219	SIMON, JAMES S
220	WATERS EDGE RESTAURANT
222	TAYLOR, RUBY
227	WALKERS BAR
308	SMITH, ARTHUR WALKER, B A
310	ROBINETTE SEAFOOD INC
311	GREINERS GARAGE
315	VANDERLAAN, GORDON
316	MCCULLEY, DAVID J
320	COON, BRIAN
324	OCCUPANT UNKNOWNN
326	STEVENS, LINDA
501	AMSTUTZ, LEONARD
505	DODDS, SHERI
507	BAKER, STEVEN R
509	DENNISON, CARL
510	AMSTUTZ, ROBERT
513	BOWMAN, CHARLES W
514	TOWNE, GLEN
520	OCCUPANT UNKNOWNN
523	CYNTHIA OCHS DO HART FAMILY MEDICAL ASSOC RAYMOND D TRACY DO RUDY OCHS DO
524	SCHANER, RICHARD
601	OCEANA COUNTY COMMUNITY MENTAL OCEANA COUNTY MENTAL HEALTH
611	LIDDS, G NORMA A GILBERT MD SJS INVESTORS CO
621	HART CENTER OCCUPANT UNKNOWNN OCEANA COUNCIL OF AGING INC

## E MAIN ST

1995

(Cont'd)

627 PEARSON, C  
 633 AERTS, JOSEPH  
 701 MITTEER, GRANT  
 OCEANA COUNTY MEDICAL CARE  
 710 BARNETT, C M  
 BISHOP, L  
 CARNES, C J  
 CARRICO, DANIEL E  
 DAVID, LORETTA  
 DAVIS, EUGENIA  
 DEAUGUSTINE, E M  
 DOERING, CAROL  
 DUNLAP, TONI C  
 ESTABROOK, CHERYL L  
 GARCIA, CAROLYN S  
 HART HOUSING CO  
 HATINGER, RUBY  
 HERRYGERS, VICKIE L  
 JACOBS, IDA M  
 JASTRZEMBSK, CHARLES  
 KERR, D  
 KOZLOSKI, WILMA M  
 KURTZ, V M  
 LERMA, B  
 MARVIN, HARLEY  
 MCLELLAN, M  
 NEAR, MARILYN K  
 PEARSON, ISABEL  
 PFAFF, LOLA  
 PUENTE, PAMELA M  
 RICO, LAURA  
 RUMSEY, TAMMY  
 SALAZAR, E  
 SCHNEIDER, E L  
 SCHRAMSKI, RICKY R  
 SERNA, JESUS  
 SIMON, M  
 TENNANT, CHESTER  
 TILL, E P  
 TREVINO, SADAKO  
 TURNER, AMY  
 VANBROCKLIN, FAYE M  
 WATERBURY, LINDA K  
 WIMPEE, B

**W MAIN ST 1995**

3	FLEURY, GERALD FREESE, JEFF
22	BUTCHER, KENNETH R HART ANIMAL CLINIC K R BUTCHER DVM
25	GALE, CARL
103	CRUMB, RICHARD
104	KIDDER, MYRTLE
105	BERGEY, PAUL WALSWORTH, MARK
106	BRIMMER, CHARLES CHUCKS PLUMBING & HEATING
108	GILBERT, NORMA A
109	URICK, WALTER A
112	SCHANER, RAY
116	KARDUX, TODD
117	FOSTER, MAURICE
121	OCCUPANT UNKNOWNN
126	OCCUPANT UNKNOWNN
127	CARLSON, WILMER
130	WOODLEY, LEO JR
131	JEWETT, RUSSELL B
135	WILDE, ADDIE
136	TUBBS, GARY
139	BUTLER, RUSSELL J
204	GORDON, PHILIP
206	OCCUPANT UNKNOWNN
208	GREINER, MICHAEL
211	HERRERA, ALBERT
212	HASTY, GUY
304	CHAPMAN, ROBERT M
307	HAASE, ROBERT G
308	OCCUPANT UNKNOWNN
312	SWIHART, ETHELYN
437	GAMBLE, P A

## E MAIN ST 1992

4 TURNER, WILLIAM E JR  
 10 DOWLING, GREG  
 14 LIPSKI, CRAIG  
 16 PETERSON, MAE I  
 105 BACA, RAQUEL S  
 108 STEVENS, WILLIAM  
 219 SIMON, JAMES S  
 220 WIMPEE, B  
 308 VANBAVEL, CLARA M  
 315 VANDERLAAN, GORDON  
 320 COON, BRIAN D  
 326 STEVENS, L  
 501 AMSTUTZ, LEONARD  
 505 GRAFF, EVERETT  
 507 BAKER, STEVEN R  
 509 DENNISON, CARL  
 510 AMSTUTZ, ROBERT  
 513 BOWMAN, CHARLES W  
 514 TOWNE, GLEN  
 611 GILBERT, NORMA A  
 621 BARRETT, PAULA D  
 627 PEARSON, C  
 633 AERTS, JOSEPH  
 701 PEARSON, ROGER  
 710 BAILLY, E  
 GAFFNEY, K S  
 HANLEY, T L  
 HERRYGERS, VICKIE L  
 MARVIN, HARLEY  
 MORGAN, V L  
 PETERSEN, MARY E  
 PFAFF, LOLA  
 ROSS, BESSIE  
 SCHNEIDER, E L  
 TILL, E P  
 TOUGAS, J  
 TREVINO, S  
 TURNER, AMY  
 VANARMAN, WANDA M  
 VANDENHEUVEL, J  
 VILLARREAL, ANSELMO SR  
 VISGER, VADA E  
 WHITEHILL, ROY B  
 7102 WILLIAMS, EDGAR  
 7108 KOZLOSKI, WILMA M  
 7109 TENNANT, CHESTER  
 71012 HERNANDEZ, CHERYL L  
 71019 VANDOREN, BRUCE D  
 71020 OLIVER, WILLIAM R  
 71024 PUENTE, PAMELA M

**E MAIN ST      1992      (Cont'd)**

71025 THAYER, HUGH I  
71033 POUST, GEORGE  
71035 KURTZ, V M  
71037 KIMMEL, DOROTHY L  
71038 VANBROCKLIN, FAYE M  
71042 SANDERS, NINA  
71048 HATINGER, RUBY

**W MAIN ST 1992**

22	BUTCHER, KENNETH R
25	GALE, CARL
103	KELLEY, L
104	HARDY, A
105	GIDDINGS, GLEN W
106	BRIMMER, CHARLES
108	GILBERT, NORMA A
109	URICK, WALTER A
112	SCHANER, RAY
113	GALE, LYLE
116	KARDUX, TODD
117	FOSTER, MAURICE
121	BOZEMAN, DARYL
127	CARLSON, WILMER
130	WOODLEY, LEO JR
131	HALL, CHARLES
135	WILDE, ADDIE
136	TUBBS, GARY
139	BUTLER, RUSSELL J
204	GORDON, PHILIP
208	GREINER, MICHAEL
211	HERRERA, ALBERT
212	HASTY, GUY
304	CHAPMAN, ROBERT M
307	HAASE, ROBERT G
308	SYER, GEORGE
437	GAMBLE, P A



**3 E Main St**

Courtland Street

Hart, MI 49420

Inquiry Number: 7153918.1

October 24, 2022

# The EDR-City Directory Image Report

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### SECTION

Executive Summary

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City Directory Images

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

# FINDINGS

## TARGET PROPERTY STREET

Courtland Street  
Hart, MI 49420

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### N COURTLAND ST

2017	pg A1	EDR Digital Archive
2014	pg A3	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A7	EDR Digital Archive
2000	pg A9	EDR Digital Archive
1995	pg A11	EDR Digital Archive
1992	pg A13	EDR Digital Archive

### S COURTLAND ST

2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A10	EDR Digital Archive
1995	pg A12	EDR Digital Archive
1992	pg A14	EDR Digital Archive

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**N COURTLAND ST 2017**

9	SNOOK, MICHELLE
12	PLAUNT, KATHLEEN L
13	THRAILKILL, MARK R
17	MCGHAN, JOHN M
21	LANGSTRAAT, DANIEL

**S COURTLAND ST 2017**

13	WOODRUFF, TINA L
15	HAMILTON, LORRIE L MAYNARD, TARA L
19	LIPPS, LAWRENCE T
25	LORENZ, MICHAEL R
103	SALINAS, JESUS C
104	BEAULEAU, STEPHANIE FATSEAS, TYLER M VARGAS, C
209	HARTER, KRISTIE
214	MCDANOLD, DOUGLAS B
215	COFER, ROBERTA
303	ALLAN, MARTIN D
305	LAURAIN, ROBIN UMSTEAD, G UMSTEAD, MARIELLA
311	WALKER, GRANVILL
312	IRVIN, BRIAN K
315	BROWN, ALEXANDER
316	MEAD, CRYSTAL



**N COURTLAND ST 2014**

8	LEBLANC, JEAN E
9	DODGE, PAUL D
12	PLAUNT, KATHLEEN L
13	PIERCE, RUSSELL F
	THRAILKILL, JEFF
15	VERMELUEN, NICOLE
17	DENNERT, HENRY J
18	OCCUPANT UNKNOWN,
21	LANGSTRAART, AMANDA

**S COURTLAND ST 2014**

13	HARFORD, RAY
	LENON, RICK
	NEWTON, GABRIELLE
15	MAYNARD, TARA L
19	LIPPS, LAWRENCE T
25	LORENZ, MICHAEL R
103	AROCHO, VICTOR
	BEYER, CARL P
	MCCANN, JEFF
	SALINAS, JESUS C
104	FATSEAS, CAREY M
	FLORES, RICK
	ORTEGA, PABLO
	VARGAS, C
113	FULLER, KIM M
132	MONCADA, CANDELARIO
201	SILLMAN, AMANDA
214	MCDANOLD, DOUGLAS B
215	OUR FRIENDS HOUSE
303	KRUEGER, CARL S
	STREETER, CHRISTINA J
305	HELMLINGER, DEANNA
	LAURAIN, ROBIN
	TANNER, JONATHAN A
	UMSTEAD, RICHARD C
308	METTS, MARK
311	ROOT, GERALD W
312	IRVIN, BECKY
315	OCCUPANT UNKNOWN,
316	MEAD, CRYSTAL

**N COURTLAND ST 2010**

8	LEBLANC, JEAN E
9	HOOGHART, ANNIE
12	PLAUNT, KATHLEEN L
13	DOMIN, ANGELEENA F
15	MORALES, JAVIER VERMELUEN, NICOLE
17	DENNERT, HENRY J
18	GONZALEZ, JENNIFER K
21	MCGHAN, L

**S COURTLAND ST 2010**

13	LENON, RICK
	NEWTON, GABRIELLE
15	CANTU, CHRISTINA
	LESEVRE, ERNEST
	MILLS, BRYAN A
19	LIPPS, LAWRENCE T
25	LORENZ, DAVID H
103	BEYER, CARL P
	BURNS, AMANDA
	MCCANN, JEFF
	SALINAS, JESUS
104	ESPRADA, F
	GONZALEZ, MARIA C
	ORTEGA, PABLO
	RAMIREZ, ZENAIDA
113	FULLER, KIM M
117	WOOD, TOM C
132	MONCADA, CANDELARIO
201	SILLMAN, AMANDA
214	MCDANOLD, DOUGLAS B
303	GONZALEZ, SARA N
	HILL, ALICIA
	KINDINGER, DEANNA
	KRUEGER, CARL S
305	LAURAIN, ROBIN
	UMSTEAD, RICHARD C
308	REEDS, HARVEY H
312	NARGIS, DAVE
315	VANCAMPBELL, LORRAINE G
316	MCCANN, JEFFERY

**N COURTLAND ST 2005**

- 8 LEBLANC, JEAN E
- 9 HOOGHART, CHRISTINA J
- 12 PICKARD, KATHLEEN L
- 13 THRAILKILL, ALMA R
- 15 GUERRA, JOSE N
- 17 MCGHAN, JOE C
- 18 MORALES, ELIAS
- 19 LIPPS, LAWRENCE T

**S COURTLAND ST 2005**

13	NEWTON, GABRIELLE
15	CANTU, CHRISTINA
	CHAPA, SANTIAGO J
	FIELD, CHRIS
	MOUNTS, CARLTON
	SANCHEZ, GUADALUPE
	SAVEEDRA, JOSE J
16	COURTLAND STREET GALLERY & GIFTS LLC
19	GRAND DANCE PRODUCTIONS LTD
	GRAND, D
25	LORENZ, DAVID H
103	BEYER, CARL
	CROTHERS, MONICA
	LENON, RICK A
104	ESPRADA, F
	FLORES, RICK
	ORTEGA, PABLO
113	FULLER, KIM
117	WOOD, TOM C
132	MONCADA, CANDELARIO
215	STOVER, MARJORIE J
303	COURTLAND CARRIAGE HOUSE B & B
	SKINNER, ANDY
308	REEDS, HARVEY H
311	MERRIFIELD, ADAMARIE M
315	CAMPBELL, LORRAINE G
316	WOLGAMOTT, DEANN L

**N COURTLAND ST 2000**

- 8 LEBLANC, JEAN
- 12 PICKARD, K
- 17 DENNERT, HENRY
- 19 GOULD, LARRY

**S COURTLAND ST 2000**

15 ROUTLEY, CHARLES E  
16 COURTLAND HOUSE  
19 GRAND DANCE PRODUCTIONS LIMITED  
WILDEY, S  
25 LORENZ, DAVID  
103 ARCE, PALEMON  
CARRILLO, ENRIQUE  
FULLER, MICHAEL  
JENSEN, RANDY L  
104 VARGAS, P  
107 COURTLAND LANES  
108 FELT UPHOLSTERY & CANVAS  
GREINER, KEVIN M  
SILVER LAKE ELECTRIC INCORPORATED  
117 WOOD, TOM  
209 CHAPMAN, A J  
214 PHILLIPS, GLENN  
215 STOVER, JAMES  
303 KRUEGER  
KRUEGER, CAROL A  
NOBLE, KYLE  
308 REEDS, HARVEY  
311 MERRIFIELD, GEORGE  
315 CAMPBELL, VAN



**N COURTLAND ST 1995**

8	LEBLANC, JEAN
9	OCCUPANT UNKNOWNN
12	PICKARD, K
13	LIPPS, L T
15	OCCUPANT UNKNOWNN
17	DENNERT, HENRY
18	OCCUPANT UNKNOWNN
19	WATTS, JAMES H

**S COURTLAND ST 1995**

8 LEBLANC, JEAN E  
13 ROUTLEY, CHARLES E  
15 ROUTLEY, CHARLIE  
16 COURTLAND HOUSE  
19 ECHANDIA, ADELE  
25 LORENZ, DAVID  
103 FULLER, MICHAEL  
104 HOENSHELL, LAURA  
107 COURTLAND LANES  
113 HISPANIC APOSTOLATE  
OCCUPANT UNKNOWNN  
117 WOOD, TOM  
209 CHAPMAN, FRANCES C  
214 PHILLIPS, GLENN JR  
215 STOVER, JAMES  
308 REEDS, HARVEY  
311 MERRIFIELD, GEORGE  
312 TIBBITTS, PAULA  
315 CAMPBELL, VAN  
316 OCCUPANT UNKNOWNN

**N COURTLAND ST 1992**

8	RASH, ROBERT
9	ASKINS, L C
12	VANDENHEUVEL, GERALD
13	LIPPS, L P
17	DENNERT, HENRY
18	DODDS, STAN
712	CIZEK, DONAVON L
1312	JENSEN, HERMAN J

**S COURTLAND ST 1992**

25	LORENZ, DAVID
103	FULLER, MICHAEL
113	FULLER, KIM M
117	WOOD, TOM
209	CHAPMAN, ALBERT J
214	PHILLIPS, GLENN JR
215	STOVER, JAMES
303	LIPPS, DAWN M
308	REEDS, HARVEY
311	MERRIFIELD, GEORGE
315	CAMPBELL, VAN
316	ECKHOLM, MARY A

# Appendix 7

---

**3 E Main St**  
3 E Main St  
Hart, MI 49420

Inquiry Number: 7142167.2s  
October 10, 2022

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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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 (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

3 E MAIN ST  
HART, MI 49420

#### COORDINATES

Latitude (North): 43.7025080 - 43° 42' 9.02"  
Longitude (West): 86.3655590 - 86° 21' 56.01"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 551120.8  
UTM Y (Meters): 4838811.5  
Elevation: 655 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14451206 HART, MI  
Version Date: 2019  
  
West Map: 14451216 MEARS, MI  
Version Date: 2019

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140923  
Source: USDA



MAPPED SITES SUMMARY

Target Property Address:  
3 E MAIN ST  
HART, MI 49420

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FREMONT CO-OP PRODUC	3 EAST MAIN STREET B	FTTS, HIST FTTS		TP
A2	CERES SOLUTIONS COOP	3 EAST MAIN STREET	SSTS		TP
A3		3 EAST MAIN	ERNS		TP
A4	CERES SOLUTIONS COOP	3 E MAIN ST	FINDS		TP
A5	NORTH CENTRAL COOPER	3 EAST MAIN STREET	FINDS		TP
A6	NORTH CENTRAL CO-OP	3 E MAIN ST	AST		TP
A7	HART COUNTRYMARK COO	3 EAST MAIN STREET	FINDS		TP
A8	FREMONT PRODUCE COOP	3 E MAIN ST	SSTS		TP
A9	HART COUNTRYMARK CO-	3 EAST MAIN ST	FTTS, HIST FTTS		TP
A10	COUNTRYMARK, INC	3 E MAIN ST	UST		TP
A11	CERES SOLUTIONS COOP	3 EAST MAIN STREET	FINDS, ECHO		TP
B12	GRAND HAVEN BL&P	100 WATER STREET	COAL ASH	Higher	40, 0.008, SSW
B13	HART POWER PLT	100 WATER ST	SEMS-ARCHIVE	Higher	40, 0.008, SSW
B14	101 SOUTH WATER STRE	101 SOUTH WATER STRE	INVENTORY, BEA	Higher	78, 0.015, SW
B15	HART BODY SHOP	101 WATER ST	RCRA-VSQQ, FINDS, ECHO	Higher	78, 0.015, SW
C16	RIGHT OF WAY	108 S COURTLAND ST	UST	Higher	215, 0.041, SE
C17	RIGHT OF WAY	108 S COURTLAND ST	LUST	Higher	215, 0.041, SE
D18	HART EZ MART	3 N STATE ST	UST, Financial Assurance	Lower	239, 0.045, East
D19	BLARNEY CASTLE OIL C	3 S STATE ST	EDR Hist Auto	Lower	323, 0.061, ENE
D20	3 N STATE STREET	3 N STATE STREET	BEA, WDS	Lower	327, 0.062, ENE
D21	DOWNTOWN MOBIL	3 N STATE ST	EDR Hist Auto	Lower	327, 0.062, ENE
D22	HART EZ MART	3 N STATE ST	LUST, INVENTORY, BEA	Lower	327, 0.062, ENE
D23	HART TAX INCREMENT F	3 N STATE ST	RCRA NonGen / NLR	Lower	327, 0.062, ENE
D24	STATE STREET ROW	45 N STATE ST	UST	Lower	331, 0.063, ENE
25	LARSONS SONS	4 LINCOLN ST	AST	Lower	364, 0.069, SSW
D26	26 NORTH STATE STREE	26 NORTH STATE STREE	BEA	Lower	369, 0.070, ENE
D27	24 AND 26 NORTH STAT	24 AND 26 NORTH STAT	BEA	Lower	369, 0.070, ENE
D28	MERSKIN & MERSKIN PC	26 N STATE ST	LUST, UST, BROWNFIELDS, INVENTORY, BEA, WDS	Lower	369, 0.070, ENE
D29	MERSKIN & MERSKIN PC	26 NORTH STATE STREE	AUL	Lower	369, 0.070, ENE
E30	HART HYDRO ELECTRIC	407 STATE ST.	PART 201, DEL PART 201	Lower	373, 0.071, North
E31	CITY OF HART	407 STATE ST	INVENTORY, WDS	Lower	373, 0.071, North
D32	FARMERS PETROLEUM	17 E MAIN ST	AST	Lower	398, 0.075, East
D33	FREMONT COOPERATIVE	17 E MAIN ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	398, 0.075, East
34	COUNTY OF OCEANA	100 S STATE ST	UST	Higher	433, 0.082, ESE
35	FORD GARAGE	151 W MAIN ST	LUST, UST	Lower	443, 0.084, WNW
F36	HART EZ MART	223 S STATE ST	UST	Higher	756, 0.143, SSE
F37	HART EZ MART	223 S STATE ST	LUST, INVENTORY	Higher	756, 0.143, SSE
F38	BLARNEY CASTLE OIL C	223 S STATE ST	RCRA-VSQQ, FINDS, ECHO	Higher	756, 0.143, SSE
G39	227 EAST MAIN STREET	227 EAST MAIN STREET	INVENTORY, BEA	Lower	769, 0.146, East

MAPPED SITES SUMMARY

Target Property Address:  
 3 E MAIN ST  
 HART, MI 49420

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">G40</a>	GREINERS GARAGE	311 E MAIN ST	UST	Lower	917, 0.174, East
<a href="#">41</a>	HART PUBLIC SCHOOLS	300 JOHNSON ST	LUST, UST	Higher	1328, 0.252, SE
<a href="#">H42</a>	100 SOUTH UNION STRE	100 SOUTH UNION STRE	BEA	Higher	1390, 0.263, East
<a href="#">H43</a>	100 SOUTH UNION STRE	100 SOUTH UNION STRE	INVENTORY	Higher	1390, 0.263, East
<a href="#">I44</a>	FARMERS PETROLEUM CO	504 S STATE ST	LUST, UST, BROWNFIELDS, INVENTORY, BEA	Higher	1602, 0.303, SSE
<a href="#">I45</a>	504 SOUTH STATE STRE	504 SOUTH STATE STRE	BEA	Higher	1602, 0.303, SSE
<a href="#">46</a>	NORTH STATE STREET &	NORTH STATE STREET &	INVENTORY, BEA	Higher	1908, 0.361, North
<a href="#">J47</a>	DAVES PARTY STORE	408 WOOD ST	LUST, BEA, Financial Assurance	Higher	2277, 0.431, SSE
<a href="#">J48</a>	DAVES PARTY STORE	408 WOOD ST	INVENTORY	Higher	2277, 0.431, SSE
<a href="#">J49</a>	STOKELY USA INC	409 WOOD ST	LUST, UST, NPDES, WDS	Higher	2307, 0.437, SSE
<a href="#">50</a>	GRISWOLD STREET AT J	GRISWOLD STREET AT J	INVENTORY	Higher	2581, 0.489, ESE
<a href="#">51</a>	HART PRISONER-OF-WAR		FUDS	Higher	4336, 0.821, SSW
<a href="#">52</a>	OCEANA CO RD COMM HA	3501 WEST POLK ROAD	PART 201, INVENTORY	Higher	4862, 0.921, South

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FREMONT CO-OP PRODUC 3 EAST MAIN STREET B HART, MI 49420	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009  HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
CERES SOLUTIONS COOP 3 EAST MAIN STREET HART, MI 49420	SSTS	N/A
3 EAST MAIN 3 EAST MAIN HART, MI	ERNS NRC Report #: 867934 Incident Date Time: 2008-04-14 18:00:00	N/A
CERES SOLUTIONS COOP 3 E MAIN ST HART, MI 49420	FINDS Registry ID:: 110070126723	N/A
NORTH CENTRAL COOPER 3 EAST MAIN STREET HART, MI 49420	FINDS Registry ID:: 110038297928	N/A
NORTH CENTRAL CO-OP 3 E MAIN ST HART, MI 49420	AST Facility Id: 92085089 Removed/Closed Date: 01/11/2012 Removed/Closed Date: 04/19/2017 Tank Status: Removed from Premises Tank Status: Removed from Ground	N/A
HART COUNTRYMARK COO 3 EAST MAIN STREET HART, MI 49420	FINDS Registry ID:: 110011822750	N/A
FREMONT PRODUCE COOP 3 E MAIN ST HART, 49420	SSTS Registration Number:: 050139MI 002 Registration Number:: 050139MI002 Registration Number:: 050139-MI-002	N/A

## EXECUTIVE SUMMARY

HART COUNTRYMARK CO-  
3 EAST MAIN ST  
HART MI, MI 49240

FTTS N/A  
Database: FTTS INSP, Date of Government Version: 04/09/2009  
HIST FTTS  
Database: HIST FTTS INSP, Date of Government Version: 10/19/2006

COUNTRYMARK, INC  
3 E MAIN ST  
HART, MI 49420

UST N/A  
Database: UST, Date of Government Version: 04/30/2022  
Tank Status: Removed from Ground  
Facility Type: CLOSED  
Facility Id: 00017953

CERES SOLUTIONS COOP  
3 EAST MAIN STREET  
HART, MI 49420

FINDS N/A  
Registry ID:: 110067631361  
ECHO  
Registry ID: 110067631361

### 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

#### ***Lists of Federal NPL (Superfund) sites***

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

#### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

#### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

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

#### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

#### ***Lists of Federal RCRA TSD facilities***

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

## EXECUTIVE SUMMARY

### ***Lists of Federal RCRA generators***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators

### ***Federal institutional controls / engineering controls registries***

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

### ***Lists of state- and tribal hazardous waste facilities***

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

### ***Lists of state and tribal landfills and solid waste disposal facilities***

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

### ***Lists of state and tribal leaking storage tanks***

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

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

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

### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
CDL..... Clandestine Drug Lab Listing  
US CDL..... National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

PFAS..... PFAS Contaminated Sites Listing

### **Local Land Records**

LIENS..... Lien List  
LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

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

### **Other Ascertainable Records**

DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
AIRS..... Permit and Emissions Inventory Data  
ASBESTOS..... ASBESTOS  
DRYCLEANERS..... Drycleaning Establishments  
Financial Assurance..... Financial Assurance Information Listing  
LEAD..... Lead Safe Housing Registry  
NPDES..... List of Active NPDES Permits  
UIC..... Underground Injection Wells Database  
WDS..... Waste Data System  
MINES MRDS..... Mineral Resources Data System

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants

## EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA PART 201..... Recovered Government Archive State Hazardous Waste Facilities List  
RGA LF..... Recovered Government Archive Solid Waste Facilities List  
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/26/2022 has revealed that there is 1 SEMS-ARCHIVE site 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>
HART POWER PLT Site ID: 0503174 EPA Id: MID980993000	100 WATER ST	SSW 0 - 1/8 (0.008 mi.)	B13	31

## EXECUTIVE SUMMARY

### ***Lists of Federal RCRA generators***

RCRA-VSQG: 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/20/2022 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART BODY SHOP</b> EPA ID:: MID985577451	<b>101 WATER ST</b>	<b>SW 0 - 1/8 (0.015 mi.)</b>	<b>B15</b>	<b>34</b>
<b>BLARNEY CASTLE OIL C</b> EPA ID:: MIK882613494	<b>223 S STATE ST</b>	<b>SSE 1/8 - 1/4 (0.143 mi.)</b>	<b>F38</b>	<b>76</b>

### ***Lists of state and tribal leaking storage tanks***

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 05/11/2022 has revealed that there are 9 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>
RIGHT OF WAY Release Status: Closed Substance Release: Gasoline Facility Id: 50005385	108 S COURTLAND ST	SE 0 - 1/8 (0.041 mi.)	C17	39
<b>HART EZ MART</b> Release Status: Open Substance Release: Unknown Facility Id: 00008478	<b>223 S STATE ST</b>	<b>SSE 1/8 - 1/4 (0.143 mi.)</b>	<b>F37</b>	<b>75</b>
<b>HART PUBLIC SCHOOLS</b> Release Status: Closed Substance Release: Unknown Facility Id: 00035597	<b>300 JOHNSON ST</b>	<b>SE 1/4 - 1/2 (0.252 mi.)</b>	<b>41</b>	<b>83</b>
<b>FARMERS PETROLEUM CO</b> Release Status: Open Facility Id: 00004787	<b>504 S STATE ST</b>	<b>SSE 1/4 - 1/2 (0.303 mi.)</b>	<b>I44</b>	<b>86</b>
<b>DAVES PARTY STORE</b> Release Status: Open Substance Release: Gasoline Facility Id: 00035885	<b>408 WOOD ST</b>	<b>SSE 1/4 - 1/2 (0.431 mi.)</b>	<b>J47</b>	<b>96</b>
<b>STOKELY USA INC</b> Release Status: Closed	<b>409 WOOD ST</b>	<b>SSE 1/4 - 1/2 (0.437 mi.)</b>	<b>J49</b>	<b>99</b>



## EXECUTIVE SUMMARY

Facility Id: 00004355

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART EZ MART</b> Release Status: Closed Facility Id: 00003366	<b>3 N STATE ST</b>	<b>ENE 0 - 1/8 (0.062 mi.)</b>	<b>D22</b>	<b>44</b>
<b>MERSKIN &amp; MERSKIN PC</b> Release Status: Closed Substance Release: Diesel,Gasoline Facility Id: 00001715	<b>26 N STATE ST</b>	<b>ENE 0 - 1/8 (0.070 mi.)</b>	<b>D28</b>	<b>52</b>
<b>FORD GARAGE</b> Release Status: Closed Substance Release: Gasoline Facility Id: 00040604	<b>151 W MAIN ST</b>	<b>WNW 0 - 1/8 (0.084 mi.)</b>	<b>35</b>	<b>66</b>

### ***Lists of state and tribal registered storage tanks***

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, has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RIGHT OF WAY Database: UST, Date of Government Version: 04/30/2022 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 50005385	108 S COURTLAND ST	SE 0 - 1/8 (0.041 mi.)	C16	38
COUNTY OF OCEANA Database: UST, Date of Government Version: 04/30/2022 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00008330	100 S STATE ST	ESE 0 - 1/8 (0.082 mi.)	34	65
HART EZ MART Database: UST, Date of Government Version: 04/30/2022 Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00008478	223 S STATE ST	SSE 1/8 - 1/4 (0.143 mi.)	F36	69

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART EZ MART</b> Database: UST, Date of Government Version: 04/30/2022 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00003366	<b>3 N STATE ST</b>	<b>E 0 - 1/8 (0.045 mi.)</b>	<b>D18</b>	<b>40</b>
STATE STREET ROW Database: UST, Date of Government Version: 04/30/2022	45 N STATE ST	ENE 0 - 1/8 (0.063 mi.)	D24	50



## EXECUTIVE SUMMARY

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, has revealed that there are 2 BROWNFIELDS 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>
<b>FARMERS PETROLEUM CO</b> Database: BROWNFIELDS, Date of Government Version: 12/07/2021 Facility Id: 00004787	<b>504 S STATE ST</b>	<b>SSE 1/4 - 1/2 (0.303 mi.)</b>	<b>I44</b>	<b>86</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MERSKIN &amp; MERSKIN PC</b> Database: BROWNFIELDS, Date of Government Version: 12/07/2021	<b>26 N STATE ST</b>	<b>ENE 0 - 1/8 (0.070 mi.)</b>	<b>D28</b>	<b>52</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Hazardous waste / Contaminated Sites***

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

A review of the INVENTORY list, as provided by EDR, and dated 07/18/2022 has revealed that there are 11 INVENTORY sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>101 SOUTH WATER STRE</b> Facility ID: 64000111	<b>101 SOUTH WATER STRE</b>	<b>SW 0 - 1/8 (0.015 mi.)</b>	<b>B14</b>	<b>33</b>
<b>HART EZ MART</b> Facility ID: 8478	<b>223 S STATE ST</b>	<b>SSE 1/8 - 1/4 (0.143 mi.)</b>	<b>F37</b>	<b>75</b>
<b>100 SOUTH UNION STRE</b> Facility ID: 64000107	<b>100 SOUTH UNION STRE</b>	<b>E 1/4 - 1/2 (0.263 mi.)</b>	<b>H43</b>	<b>86</b>
<b>FARMERS PETROLEUM CO</b>	<b>504 S STATE ST</b>	<b>SSE 1/4 - 1/2 (0.303 mi.)</b>	<b>I44</b>	<b>86</b>

## EXECUTIVE SUMMARY

Facility ID: 4787				
<b>NORTH STATE STREET &amp;</b>	<b>NORTH STATE STREET &amp;</b>	<b>N 1/4 - 1/2 (0.361 mi.)</b>	<b>46</b>	<b>93</b>
Facility ID: 41002282				
DAVES PARTY STORE	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	J48	99
Facility ID: 35885				
GRISWOLD STREET AT J	GRISWOLD STREET AT J	ESE 1/4 - 1/2 (0.489 mi.)	50	103
Facility ID: 64000109				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>HART EZ MART</b>	<b>3 N STATE ST</b>	<b>ENE 0 - 1/8 (0.062 mi.)</b>	<b>D22</b>	<b>44</b>
Facility ID: 3366				
<b>MERSKIN &amp; MERSKIN PC</b>	<b>26 N STATE ST</b>	<b>ENE 0 - 1/8 (0.070 mi.)</b>	<b>D28</b>	<b>52</b>
Facility ID: 1715				
<b>CITY OF HART</b>	<b>407 STATE ST</b>	<b>N 0 - 1/8 (0.071 mi.)</b>	<b>E31</b>	<b>59</b>
Facility ID: 64000003				
<b>227 EAST MAIN STREET</b>	<b>227 EAST MAIN STREET</b>	<b>E 1/8 - 1/4 (0.146 mi.)</b>	<b>G39</b>	<b>79</b>
Facility ID: 64000124				

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

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

<b>Equal/Higher Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>OCEANA CO RD COMM HA</b>	<b>3501 WEST POLK ROAD</b>	<b>S 1/2 - 1 (0.921 mi.)</b>	<b>52</b>	<b>104</b>
Facility Status: Interim Response conducted				
Facility ID: 64000005				

<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>HART HYDRO ELECTRIC</b>	<b>407 STATE ST.</b>	<b>N 0 - 1/8 (0.071 mi.)</b>	<b>E30</b>	<b>59</b>
Facility Status: Deleted - available documentation does not support listing				
Facility ID: 64000003				

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

A review of the DEL PART 201 list, as provided by EDR, and dated 08/01/2013 has revealed that there

## EXECUTIVE SUMMARY

is 1 DEL PART 201 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>
<b>HART HYDRO ELECTRIC</b> Facility Id: 64000003	<b>407 STATE ST.</b>	<b>N 0 - 1/8 (0.071 mi.)</b>	<b>E30</b>	<b>59</b>

### **Other Ascertainable Records**

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/20/2022 has revealed that there are 2 RCRA NonGen / NLR 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>
HART TAX INCREMENT F EPA ID:: MIK147629455	3 N STATE ST	ENE 0 - 1/8 (0.062 mi.)	D23	47
<b>FREMONT COOPERATIVE</b> EPA ID:: MIK111735221	<b>17 E MAIN ST</b>	<b>E 0 - 1/8 (0.075 mi.)</b>	<b>D33</b>	<b>60</b>

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 08/11/2022 has revealed that there is 1 FUDS 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>
HART PRISONER-OF-WAR		SSW 1/2 - 1 (0.821 mi.)	51	103

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

A review of the BEA list, as provided by EDR, and dated 05/16/2022 has revealed that there are 12 BEA 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>
<b>101 SOUTH WATER STRE</b>	<b>101 SOUTH WATER STRE</b>	<b>SW 0 - 1/8 (0.015 mi.)</b>	<b>B14</b>	<b>33</b>
100 SOUTH UNION STRE	100 SOUTH UNION STRE	E 1/4 - 1/2 (0.263 mi.)	H42	85
<b>FARMERS PETROLEUM CO</b>	<b>504 S STATE ST</b>	<b>SSE 1/4 - 1/2 (0.303 mi.)</b>	<b>I44</b>	<b>86</b>
504 SOUTH STATE STRE	504 SOUTH STATE STRE	SSE 1/4 - 1/2 (0.303 mi.)	I45	92
<b>NORTH STATE STREET &amp;</b>	<b>NORTH STATE STREET &amp;</b>	<b>N 1/4 - 1/2 (0.361 mi.)</b>	<b>46</b>	<b>93</b>
<b>DAVES PARTY STORE</b>	<b>408 WOOD ST</b>	<b>SSE 1/4 - 1/2 (0.431 mi.)</b>	<b>J47</b>	<b>96</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>3 N STATE STREET</b>	<b>3 N STATE STREET</b>	<b>ENE 0 - 1/8 (0.062 mi.)</b>	<b>D20</b>	<b>43</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HART EZ MART</b>	<b>3 N STATE ST</b>	<b>ENE 0 - 1/8 (0.062 mi.)</b>	<b>D22</b>	<b>44</b>
26 NORTH STATE STREE	26 NORTH STATE STREE	ENE 0 - 1/8 (0.070 mi.)	D26	51
24 AND 26 NORTH STAT	24 AND 26 NORTH STAT	ENE 0 - 1/8 (0.070 mi.)	D27	52
<b>MERSKIN &amp; MERSKIN PC</b>	<b>26 N STATE ST</b>	<b>ENE 0 - 1/8 (0.070 mi.)</b>	<b>D28</b>	<b>52</b>
<b>227 EAST MAIN STREET</b>	<b>227 EAST MAIN STREET</b>	<b>E 1/8 - 1/4 (0.146 mi.)</b>	<b>G39</b>	<b>79</b>

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

A review of the COAL ASH list, as provided by EDR, and dated 04/01/2021 has revealed that there is 1 COAL ASH site 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>
GRAND HAVEN BL&P Facility Id: 12425	100 WATER STREET	SSW 0 - 1/8 (0.008 mi.)	B12	31

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BLARNEY CASTLE OIL C	3 S STATE ST	ENE 0 - 1/8 (0.061 mi.)	D19	42
DOWNTOWN MOBIL	3 N STATE ST	ENE 0 - 1/8 (0.062 mi.)	D21	43

## EXECUTIVE SUMMARY

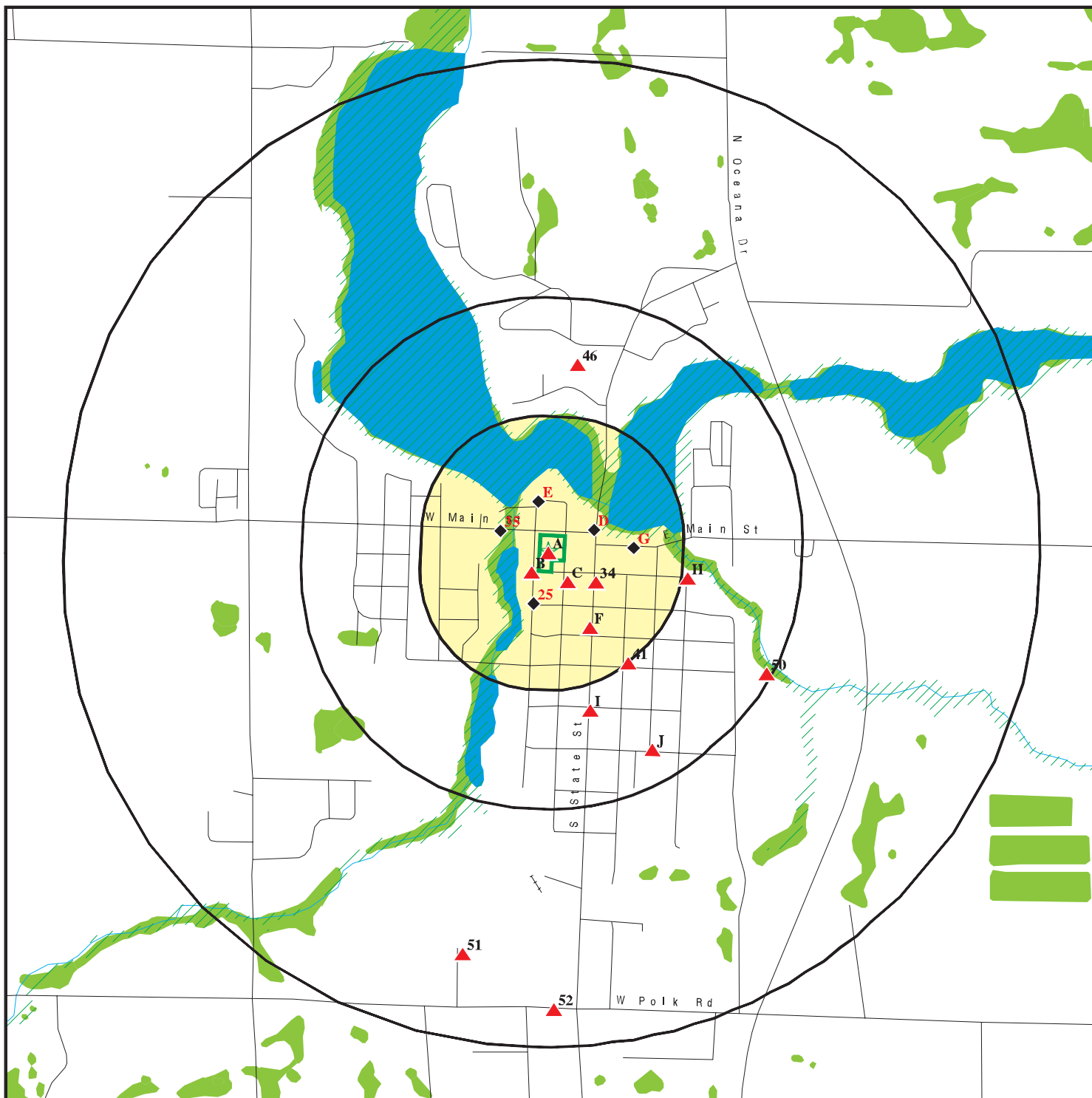
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

Database(s)

CDL

# OVERVIEW MAP - 7142167.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands



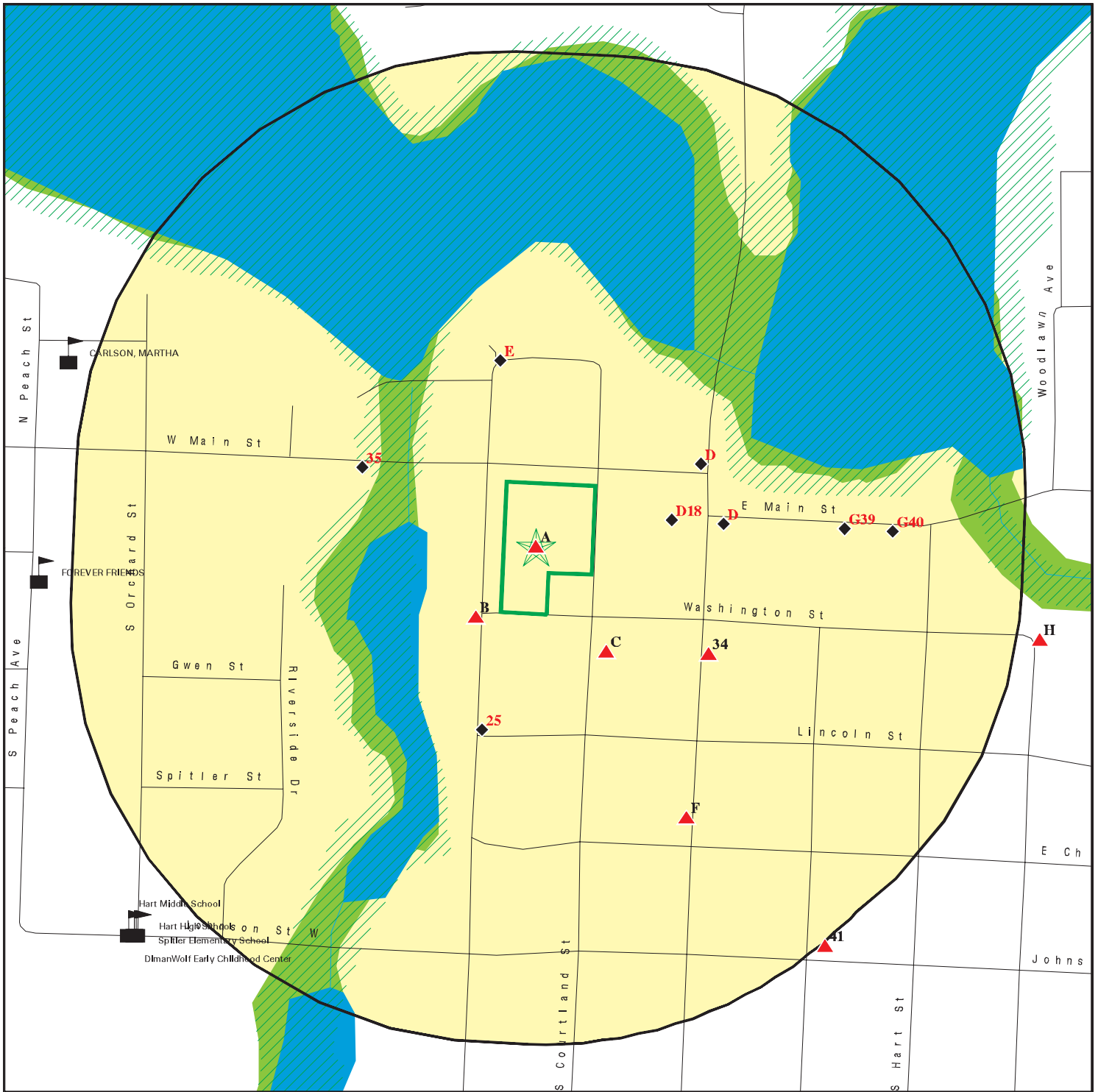
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: 3 E Main St  
 ADDRESS: 3 E Main St  
 Hart MI 49420  
 LAT/LONG: 43.702508 / 86.365559

CLIENT: Fishbeck, Thompson, Carr & Huber  
 CONTACT: Ariane Savoy  
 INQUIRY #: 7142167.2s  
 DATE: October 10, 2022 9:21 am



# DETAIL MAP - 7142167.2S



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

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  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: 3 E Main St  
 ADDRESS: 3 E Main St  
 Hart MI 49420  
 LAT/LONG: 43.702508 / 86.365559

CLIENT: Fishbeck, Thompson, Carr & Huber  
 CONTACT: Ariane Savoy  
 INQUIRY #: 7142167.2s  
 DATE: October 10, 2022 9:22 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	1	NR	NR	NR	2
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001	1	0	NR	NR	NR	NR	1
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		4	1	4	NR	NR	9

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	6	2	NR	NR	NR	9
AST	0.250	1	2	0	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
AUL	0.500		1	0	0	NR	NR	1
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		1	0	1	NR	NR	2
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	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
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
INVENTORY	0.500		4	2	5	NR	NR	11
PART 201	1.000		1	0	0	1	NR	2
CDL	0.001		0	NR	NR	NR	NR	0
DEL PART 201	1.000		1	0	0	0	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	0.250		2	0	NR	NR	NR	2

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001	2	0	NR	NR	NR	NR	2
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001	2	0	NR	NR	NR	NR	2
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001	2	0	NR	NR	NR	NR	2
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	4	0	NR	NR	NR	NR	4
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BEA	0.500		6	1	5	NR	NR	12
COAL ASH	0.500		1	0	0	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA PART 201	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		14	33	7	15	2	0	71

**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**  
**Target** **FREMONT CO-OP PRODUCE CO-HART BRANCH**  
**Property** **3 EAST MAIN STREET BOX 471**  
**HART, MI 49420**

**FTTS** **1009514811**  
**HIST FTTS** **N/A**

**Site 1 of 11 in cluster A**

**Actual:**  
**655 ft.**

**FTTS INSP:**  
Inspection Number: 20011218MIMDZ 1  
Region: 05  
Inspection Date: 12/18/01  
Inspector: ZUPIN  
Violation occurred: No  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

**HIST FTTS INSP:**  
Inspection Number: 20011218MIMDZ 1  
Region: 05  
Inspection Date: Not reported  
Inspector: ZUPIN  
Violation occurred: No  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

**A2**  
**Target** **CERES SOLUTIONS COOPERATIVE 10002**  
**Property** **3 EAST MAIN STREET**  
**HART, MI 49420**

**SSTS** **1025957917**  
**N/A**

**Site 2 of 11 in cluster A**

**Actual:**  
**655 ft.**

**SSTS:**  
Name: CERES SOLUTIONS COOPERATIVE 10002  
Address: 3 EAST MAIN STREET  
City,State,Zip: HART, MI 49420  
Report Year: Not reported  
Registration Number: 85084-MI-3

**A3**  
**Target** **3 EAST MAIN**  
**Property** **HART, MI**

**ERNS** **2008867934**  
**N/A**

**Site 3 of 11 in cluster A**

**Actual:**  
**655 ft.**

**Incident Commons:**  
NRC Report #: 867934  
Description of Incident: CALLER IS REPORTING THE RELEASE 500 GALLONS OF PESTICIDES. WHERE IT RELEASED FROM AND CAUSE ARE UNKNOWN.  
Type of Incident: FIXED  
Incident Cause: UNKNOWN  
Incident Date Time: 2008-04-14 18:00:00  
Incident DTG: OCCURRED  
Incident Location: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008867934

Location Address: 3 EAST MAIN  
Location Street 1: Not reported  
Location Street 2: Not reported  
Location Nearest City: HART  
Location State: MI  
Location County: OCEANA  
Location Zip: Not reported  
Distance From City: Not reported  
Distance Units: Not reported  
Direction From City: Not reported  
Lat Deg: Not reported  
Lat Min: Not reported  
Lat Sec: Not reported  
Lat Quad: Not reported  
Long Deg: Not reported  
Long Min: Not reported  
Long Sec: Not reported  
Long Quad: Not reported  
Location Section: Not reported  
Location Township: Not reported  
Location range: Not reported  
Potential Range: N

Incidents:

NRC Report #: 867934  
Aircraft Type: Not reported  
Aircraft Model: Not reported  
Aircraft ID: Not reported  
Aircraft Fuel Capacity: Not reported  
Aircraft Fuel Capacity Units: Not reported  
Aircraft Fuel on Board: Not reported  
Aircraft Fuel on Board Units: Not reported  
Aircraft Spot Number: Not reported  
Aircraft Hanger: Not reported  
Aircraft Runway Number: Not reported  
Road Mile Marker: Not reported  
Building ID: Not reported  
Type of Fixed Object: OTHER  
Power Generating Facility: N  
Generating Capacity: Not reported  
Type of Fuel: Not reported  
NPDES: Not reported  
NPDES Compliance: U  
Pipeline Type: Not reported  
DOT Regulated: U  
Pipeline Above Ground: ABOVE  
Exposed Underwater: N  
Pipeline Covered: U  
Railroad Hotline: Not reported  
Grade Crossing: U  
Location Subdivision: Not reported  
Railroad Milepost: Not reported  
Type Vehicle Involved: Not reported  
Crossing Device Type: Not reported  
Device Operational: Y  
DOT Crossing Number: Not reported  
Brake Failure: U  
Description of Tank: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008867934

Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSF Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	U
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported
Other Employee Testing:	Not reported
Unknown Testing:	Not reported
Passenger Handling:	Not reported
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details:

NRC Report #:	867934
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	U
Number Evacuated:	Not reported
Who Evacuated:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008867934

Radius of Evacuation:	Not reported
Any Injuries:	U
Number Injured:	Not reported
Number Hospitalized:	Not reported
Any Fatalities:	U
Number Fatalities:	Not reported
Any Damages:	N
Damage Amount:	Not reported
Air Corridor Closed:	N
Air Corridor Desc:	Not reported
Air Closure Time:	Not reported
Waterway Closed:	N
Waterway Desc:	Not reported
Waterway Closure Time:	Not reported
Road Closed:	N
Road Desc:	Not reported
Road Closure Time:	Not reported
Closure Direction:	Not reported
Major Artery:	N
Track Closed:	N
Track Desc:	Not reported
Track Closure Time:	Not reported
Media Interest:	NONE
Medium Desc:	WATER
Additional Medium Info:	STORM DRAIN
Body of Water:	STORM DRAIN
Tributary of:	HART LAKE
Release Secured:	U
Estimated Duration of Release:	Not reported
Release rate:	Not reported
Desc Remedial Action:	UNKNOWN
State Agency on Scene:	NONE
State Agency Report Number:	NONE
Other Agency Notified:	Not reported
Weather Conditions:	UNKNOWN
Air Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Water Supply Contaminated:	U
Sheen Size:	Not reported
Sheen Color:	Not reported
Direction of Sheen Travel:	Not reported
Sheen Odor Description:	Not reported
Wave Condition:	Not reported
Current Speed:	Not reported
Current Direction:	Not reported
Water Temperature:	Not reported
Track Close Dir:	Not reported
Empl Fatality:	Not reported
Pass Fatality:	Not reported
Community Impact:	Not reported
Wind Speed Unit:	Not reported
Employee Injuries:	Not reported
Passenger Injuries:	Not reported
Occupant Fatality:	Not reported
Current Speed Unit:	Not reported
Road Closure Units:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008867934

Track CLosure Units: Not reported  
Sheen Size Units: Not reported  
Additional Info: NO ADDITIONAL INFORMATION  
State Agency Notified: MIDEP  
Federal Agency Notified: NONE  
nearest River Mile Marker: Not reported  
Sheen Size Length: Not reported  
Sheen Size Length Units: Not reported  
Sheen Size Width: Not reported  
Sheen Size Width Units: Not reported  
Offshore: N  
Duration Unit: Not reported  
Release Rate Unit: Not reported  
Release Rate Rate: Not reported  
Passengers Transferred: NO

Calls:

NRC Report #: 867934  
Site ID: 2008867934  
Date Time Received: 2008-04-14 19:16:04  
Date Time Complete: 2008-04-14 19:26:48  
Call Type: INC  
Responsible Company: HART AGRI CO.  
Responsible Org Type: UNKNOWN  
Responsible City: HART  
Responsible State: XX  
Responsible Zip: Not reported  
On Behalf: N  
Source: TELEPHONE

Material Involved:

NRC Report #: 867934  
Chris Code: NCC  
Case Number: 000000-00-0  
UN Number: Not reported  
Amount of Material: 500  
Unit of Measure: GALLON(S)  
Name of Material: PENDANT 353-EC HERBICIDE  
If Reached Water: YES  
Amount in Water: 0  
Unit of Measure Reach Water: UNKNOWN AMOUNT

A4  
Target  
Property

CERES SOLUTIONS COOPERATIVE 10002  
3 E MAIN ST  
HART, MI 49420

FINDS 1024043675  
N/A

Site 4 of 11 in cluster A

Actual:  
655 ft.

FINDS:  
Registry ID: 110070126723

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

SSTS (Section Seven Tracking System ) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CERES SOLUTIONS COOPERATIVE 10002 (Continued)**

**1024043675**

pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

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

**A5  
Target  
Property**

**NORTH CENTRAL COOPERATIVE, INC.  
3 EAST MAIN STREET  
HART, MI 49420**

**FINDS 1012006353  
N/A**

**Site 5 of 11 in cluster A**

**Actual:  
655 ft.**

FINDS:  
Registry ID: 110038297928

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

SSTS (Section Seven Tracking System ) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

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

**A6  
Target  
Property**

**NORTH CENTRAL CO-OP INC  
3 E MAIN ST  
HART, MI 49420**

**AST A100319858  
N/A**

**Site 6 of 11 in cluster A**

**Actual:  
655 ft.**

AST:  
Name: NORTH CENTRAL CO-OP INC  
Address: 3 E MAIN ST  
City: HART  
Zip: 49420-1129  
Facility ID: 92085089  
Owner Name: Not reported  
Owner Address: 3 E. MAIN ST.  
Owner City,St,Zip: HART, MI 49420  
District: 3  
Date of Collection: 08/21/2007  
Accuracy: 40 FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Description Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Horizontal Datum: NAD83  
Latitude: 43.7027380  
Longitude: -86.365693  
  
Tank Id: ATK-123226-15  
Tank Status: Removed from Premises  
Capacity (in gallons): 500  
Installation Date: Not reported  
Substance Stored: LPG

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTH CENTRAL CO-OP INC (Continued)**

**A100319858**

Removed/Closed Date: 01/11/2012

Tank Id: ATK-138158-15  
 Tank Status: Removed from Ground  
 Capacity (in gallons): 500  
 Installation Date: 01/11/2012  
 Substance Stored: LPG  
 Removed/Closed Date: 04/19/2017

**A7  
 Target  
 Property**

**HART COUNTRYMARK COOPERATIVE  
 3 EAST MAIN STREET  
 HART, MI 49420**

**FINDS 1015889815  
 N/A**

**Site 7 of 11 in cluster A**

**Actual:  
 655 ft.**

FINDS:  
 Registry ID: 110011822750

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

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

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

**A8  
 Target  
 Property**

**FREMONT PRODUCE COOPERATIVE-HART BRANCH  
 3 E MAIN ST  
 HART, 49420**

**SSTS 1004531053  
 N/A**

**Site 8 of 11 in cluster A**

**Actual:  
 655 ft.**

SSTS:  
 Name: NORTH CENTRAL COOPERATIVE, INC.  
 Address: 3 EAST MAIN STREET  
 City,State,Zip: HART, MI 49420  
 Report Year: 2013  
 Registration Number: 50139-MI-2

Pre 2016:

Registration Number: 50139-MI-2  
 Name: NORTH CENTRAL COOPERATIVE, INC.  
 Address: 3 EAST MAIN STREET  
 Address 2: Not reported  
 Country Code: USA  
 Country: United States  
 Contact Name: Rodney Stevens  
 Contact Title: Location Manager  
 Contact Telephone: (231) 873-2158  
 Contact Email: ppr@asmark.org  
 Product Name: VO WEATHERSTICK  
 Product Code: Not reported  
 EPA Product Registration Number: 50534-188-100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: CORNERSTONE 5 PLUS  
Product Code: Not reported  
EPA Product Registration Number: 1381-241  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Report Year: 2000  
Registration Number: 050139MI 002

**Pre 2016:**

Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: HARNESS XTRA  
Product Code: 1  
EPA Product Registration Number: 00052400480  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ULTRA  
Product Code: 1  
EPA Product Registration Number: 00052400475  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2006  
Registration Number: 050139-MI-002

Pre 2016:

Registration Number: 050139-MI-002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BICEP LITE  
Product Code: Not reported  
EPA Product Registration Number: 000100-00827  
Product Type: REPACKAGED OR RELABELED  
Product Classification: HERBICIDE  
Product Use: ALL OTHER PRODUCTS  
Market Type: MARKETED IN UNITED STATES  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139-MI-002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: Not reported  
EPA Product Registration Number: 050534-00188  
Product Type: REPACKAGED OR RELABELED  
Product Classification: FUNGICIDE  
Product Use: ALL OTHER PRODUCTS  
Market Type: MARKETED IN UNITED STATES  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139-MI-002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ORIG MAX  
Product Code: Not reported  
EPA Product Registration Number: 000524-00539  
Product Type: REPACKAGED OR RELABELED  
Product Classification: HERBICIDE  
Product Use: ALL OTHER PRODUCTS  
Market Type: MARKETED IN UNITED STATES  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2003  
Registration Number: 050139MI002

**Pre 2016:**

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: 1  
EPA Product Registration Number: 05053400188  
Product Type: 3  
Product Classification: 02  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Region:	05
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	050139MI002
Name:	FREMONT PRODUCE COOPERATIVE-HART BRANCH
Address:	3 E MAIN ST
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	ROUNDUP WEATHERMAX
Product Code:	1
EPA Product Registration Number:	00052400537
Product Type:	3
Product Classification:	04
Product Use:	2
Market Type:	1
Product Unit of Measure:	Not reported
Region:	05
Zero Production:	Not reported
RUP:	Not reported
Report Year:	2004
Registration Number:	050139MI002
Pre 2016:	
Registration Number:	050139MI002
Name:	FREMONT PRODUCE COOPERATIVE-HART BRANCH
Address:	3 E MAIN ST
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CORNERSTONE PLUS
Product Code:	0
EPA Product Registration Number:	104275000061
Product Type:	3
Product Classification:	04
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	050139MI002
Name:	FREMONT PRODUCE COOPERATIVE-HART BRANCH
Address:	3 E MAIN ST
Address 2:	Not reported
Country Code:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: KEYSTONE  
Product Code: 0  
EPA Product Registration Number: 106271900368  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: 0  
EPA Product Registration Number: 105053400188  
Product Type: 3  
Product Classification: 02  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2011  
Registration Number: 50139-MI-2

Pre 2016:  
Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: BICEP LITE  
Product Code: Not reported  
EPA Product Registration Number: 100-827  
Product Type: 3 - Repackages/Relabeled

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Report Year: 2010  
Registration Number: 50139-MI-2

Pre 2016:

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: BICEP  
Product Code: Not reported  
EPA Product Registration Number: 100-817  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 1 - Restricted Use Pesticide

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: TOUCHDOWN TOTAL  
Product Code: Not reported  
EPA Product Registration Number: 100-1169  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Report Year: 2002  
Registration Number: 050139MI002  
Pre 2016:  
Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP WEATHERMAX  
Product Code: 1  
EPA Product Registration Number: 00052400537  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2012  
Registration Number: 50139-MI-2  
Pre 2016:  
Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: BRAVO WEATHERSTIK  
Product Code: Not reported  
EPA Product Registration Number: 50534-188-100  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 27 - Fungicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: CORNERSTONE  
Product Code: Not reported  
EPA Product Registration Number: 42750-59-1381  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: CORNERSTONE  
Product Code: Not reported  
EPA Product Registration Number: 524-454-1381  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Report Year: 2014  
Registration Number: 50139-MI-2

**Pre 2016:**

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: BRAVO WEATHERSTICK  
Product Code: Not reported  
EPA Product Registration Number: 50534-188-100  
Product Type: 3 - Repackages/Relabeled

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: ravo weatherstickb  
Product Code: Not reported  
EPA Product Registration Number: 50534-188-100  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: cornerstoe 5 plus  
Product Code: Not reported  
EPA Product Registration Number: 1381-241  
Product Type: 3 - Repackages/Relabeled  
Product Classification: 34 - Herbicide  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: 2 - All Other Products

Report Year: 2007  
Registration Number: 050139MI002

Pre 2016:  
Registration Number: 050139MI002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BICEP LITE  
Product Code: 1  
EPA Product Registration Number: 00010000827  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: BRAVO WEATHERSTIK  
Product Code: 1  
EPA Product Registration Number: 05053400188  
Product Type: 3  
Product Classification: 02  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ORIG MAX  
Product Code: 1  
EPA Product Registration Number: 00052400539  
Product Type: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Product Classification:	04
Product Use:	2
Market Type:	1
Product Unit of Measure:	Not reported
Region:	05
Zero Production:	Not reported
RUP:	Not reported
Report Year:	Not reported
Registration Number:	050139MI 002
Report Year:	2005
Registration Number:	050139MI002
Pre 2016:	
Registration Number:	050139MI002
Name:	FREMONT PRODUCE COOPERATIVE-HART BRANCH
Address:	3 E MAIN ST
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	BICEP LITE
Product Code:	0
EPA Product Registration Number:	00010000827
Product Type:	3
Product Classification:	04
Product Use:	2
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	050139MI002
Name:	FREMONT PRODUCE COOPERATIVE-HART BRANCH
Address:	3 E MAIN ST
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	BRAVO WEATHERSTIK
Product Code:	0
EPA Product Registration Number:	05053400188
Product Type:	3
Product Classification:	02
Product Use:	2
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ORIG MAX  
Product Code: 0  
EPA Product Registration Number: 00052400539  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2015  
Registration Number: 50139-MI-2

Pre 2016:  
Registration Number: 50139-MI-2  
Name: NORTH CENTRAL COOPERATIVE, INC.  
Address: 3 EAST MAIN STREET  
Address 2: Not reported  
Country Code: USA  
Country: United States  
Contact Name: Rodney Stevens  
Contact Title: Location Manager  
Contact Telephone: (231) 873-2158  
Contact Email: ppr@asmark.org  
Product Name: Not reported  
Product Code: Not reported  
EPA Product Registration Number: Not reported  
Product Type: Not reported  
Product Classification: Not reported  
Product Use: Not reported  
Market Type: USA  
Product Unit of Measure: Not reported  
Region: 5  
Zero Production: Not reported  
RUP: Not reported

Report Year: 1999  
Registration Number: 050139MI 002

Pre 2016:  
Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: HARNESS XTRA  
Product Code: 1  
EPA Product Registration Number: 00052400480  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI 002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUND-UP ULTRA  
Product Code: 1  
EPA Product Registration Number: 00052400475  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: Not reported  
Zero Production: Not reported  
RUP: Not reported

Report Year: 2001  
Registration Number: 050139MI002

**Pre 2016:**

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: HARNESS XTRA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)**

**1004531053**

Product Code: 1  
EPA Product Registration Number: 00052400480  
Product Type: 3  
Product Classification: 04  
Product Use: 1  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

Registration Number: 050139MI002  
Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH  
Address: 3 E MAIN ST  
Address 2: Not reported  
Country Code: Not reported  
Country: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Telephone: Not reported  
Contact Email: Not reported  
Product Name: ROUNDUP ULTRA MAX  
Product Code: 1  
EPA Product Registration Number: 00052400512  
Product Type: 3  
Product Classification: 04  
Product Use: 2  
Market Type: 1  
Product Unit of Measure: Not reported  
Region: 05  
Zero Production: Not reported  
RUP: Not reported

**A9**  
**Target**  
**Property**

**HART COUNTRYMARK CO-OP**  
**3 EAST MAIN ST**  
**HART MI, MI 49240**

**FTTS 1007280578**  
**HIST FTTS N/A**

**Site 9 of 11 in cluster A**

**Actual:**  
**655 ft.**

**FTTS INSP:**  
Inspection Number: 19950830MI-MZ 1  
Region: 05  
Inspection Date: 08/30/95  
Inspector: ZUPIN  
Violation occurred: Yes  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

**HIST FTTS INSP:**  
Inspection Number: 19950830MI-MZ 1  
Region: 05  
Inspection Date: Not reported  
Inspector: ZUPIN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART COUNTRYMARK CO-OP (Continued)**

**1007280578**

Violation occurred: Yes  
Investigation Type: General Product Review  
Investigation Reason: Neutral Scheme, State  
Legislation Code: FIFRA  
Facility Function: Producer

**A10  
Target  
Property**

**COUNTRYMARK, INC  
3 E MAIN ST  
HART, MI 49420**

**UST U003867597  
N/A**

**Site 10 of 11 in cluster A**

**Actual:  
655 ft.**

UST:  
Name: COUNTRYMARK, INC  
Address: 3 E MAIN ST  
City,State,Zip: HART 49420-1129  
Facility Type: CLOSED  
Facility ID: 00017953  
Owner Name: COUNTRYMARK, INC  
Owner Address: 3 E MAIN ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1129  
Owner Contact: Not reported  
Owner Phone: 6168732158  
Contact: DONALD WALSWORTH  
Contact Phone: (616) 873-2158  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/03/1971  
Remove Date: 10/01/1990  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70262  
Longitude: -86.36345  
  
Name: COUNTRYMARK, INC  
Address: 3 E MAIN ST  
City,State,Zip: HART 49420-1129  
Facility Type: CLOSED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COUNTRYMARK, INC (Continued)**

**U003867597**

Facility ID: 00017953  
Owner Name: COUNTRYMARK, INC  
Owner Address: 3 E MAIN ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1129  
Owner Contact: Not reported  
Owner Phone: 6168732158  
Contact: DONALD WALSWORTH  
Contact Phone: (616) 873-2158  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 05/03/1971  
Remove Date: 10/01/1990  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70262  
Longitude: -86.36345

**A11  
Target  
Property**

**CERES SOLUTIONS COOPERATIVE  
3 EAST MAIN STREET  
HART, MI 49420**

**FINDS 1018373450  
ECHO N/A**

**Site 11 of 11 in cluster A**

**Actual:  
655 ft.**

FINDS:  
Registry ID: 110067631361

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CERES SOLUTIONS COOPERATIVE (Continued)**

**1018373450**

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

**ECHO:**

Envid:	1018373450
Registry ID:	110067631361
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067631361
Name:	CERES SOLUTIONS COOPERATIVE
Address:	3 EAST MAIN STREET
City,State,Zip:	HART, MI 49420

**B12**  
**SSW**  
 < 1/8  
 0.008 mi.  
 40 ft.

**GRAND HAVEN BL&P**  
**100 WATER STREET**  
**HART, MI 49420**  
 Site 1 of 4 in cluster B

**COAL ASH** **S119762141**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**661 ft.**

**COAL ASH:**

Name:	GRAND HAVEN BL&P
Address:	100 WATER STREET
City,State,Zip:	HART, MI 49420
Facility Id:	12425
Facility Status:	Not reported
Major:	No
Version:	2
SIC Code:	4911
SIC Description:	Electric Services
District:	Grand Rapids
Compliance Staff:	Tom Berdinski
NPDES Permit Number:	MI0058209
Surface Impoundments?:	Not reported
Incised or Raised?:	Not reported
Comments:	Not reported

**B13**  
**SSW**  
 < 1/8  
 0.008 mi.  
 40 ft.

**HART POWER PLT**  
**100 WATER ST**  
**HART, MI 49420**  
 Site 2 of 4 in cluster B

**SEMS-ARCHIVE** **1003871502**  
**MID980993000**

**Relative:**  
**Higher**  
**Actual:**  
**661 ft.**

**SEMS Archive:**

Site ID:	0503174
EPA ID:	MID980993000
Name:	HART POWER PLT
Address:	100 WATER ST
Address 2:	Not reported
City,State,Zip:	HART, MI 49420
Cong District:	09
FIPS Code:	26127
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

**SEMS Archive Detail:**

Region:	05
Site ID:	0503174

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART POWER PLT (Continued)**

**1003871502**

EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1996-01-10 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1984-06-01 05:00:00  
Finish Date: 1984-06-01 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: HR  
Action Name: HAZRANK  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1986-07-28 04:00:00  
Qual: N  
Current Action Lead: EPA Perf

Region: 05  
Site ID: 0503174  
EPA ID: MID980993000  
Site Name: HART POWER PLT  
NPL: N  
FF: N  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1986-06-24 04:00:00  
Qual: N  
Current Action Lead: EPA Perf

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HART POWER PLT (Continued)**

**1003871502**

Region: 05  
 Site ID: 0503174  
 EPA ID: MID980993000  
 Site Name: HART POWER PLT  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: PA  
 Action Name: PA  
 SEQ: 1  
 Start Date: Not reported  
 Finish Date: 1985-07-24 05:00:00  
 Qual: L  
 Current Action Lead: St Perf

**B14**  
**SW**  
 < 1/8  
 0.015 mi.  
 78 ft.

**101 SOUTH WATER STREET**  
**101 SOUTH WATER STREET**  
**OCEANA (County), MI 49420**  
**Site 3 of 4 in cluster B**

**INVENTORY** **S117440188**  
**BEA** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**660 ft.**

**INVENTORY:**  
 Name: 101 SOUTH WATER STREET  
 Address: 101 SOUTH WATER STREET  
 City,State,Zip: MI 49420  
 Township: Hart  
 District: Grand Rapids  
 Data Source: Risks Not Determined  
 Last Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Hopkins, Heather  
 Latitude: NaN  
 Longitude: NaN

**BEA:**  
 Name: 101 SOUTH WATER STREET  
 Address: 101 SOUTH WATER STREET  
 City,State,Zip: MI 49420  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 01/14/2015  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 64000111  
 Submittal Type: Baseline Environmental Assessment  
 Submittal Number: B201503920GR  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2015-01-21 10:42:46

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**101 SOUTH WATER STREET (Continued)**

**S117440188**

Date Completed: Not reported  
 Township: Hart  
 Work Unit: Grand Rapids  
 Comments: Category B2 (Associated ID #s like ITS and Site ID go here.) REVIEW  
 CONCLUSION: BEA identifies a new concern, in whole or in part, and  
 assessment of the available information indicates further follow up is  
 needed, awaiting resources. FURTHER ASSESSMENT, NOTIFICATION, AND/OR  
 MITIGATION ACTION TO BE TAKEN: The property located at 101 South Water  
 Street in Hart currently consists of offices, a work space, and a  
 small retail shop. A 2015 BEA indicates that the new owner intends to  
 conti  
 Organization: West Michigan Community Mental Health  
 Contact: Lori Powers  
 Contact Type: Submitter Contact

**B15  
 SW  
 < 1/8  
 0.015 mi.  
 78 ft.**

**HART BODY SHOP  
 101 WATER ST  
 HART, MI 49420  
 Site 4 of 4 in cluster B**

**RCRA-VSQG 1000391154  
 FINDS MID985577451  
 ECHO**

**Relative:  
 Higher  
 Actual:  
 660 ft.**

RCRA Listings:  
 Date Form Received by Agency: 20011231  
 Handler Name: HART BODY SHOP  
 Handler Address: 101 WATER ST  
 Handler City,State,Zip: HART, MI 49420  
 EPA ID: MID985577451  
 Contact Name: RON BENNING  
 Contact Address: 101 WATER ST  
 Contact City,State,Zip: HART, MI 49420  
 Contact Telephone: 616-873-2316  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 05  
 Land Type: Private  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: 101 WATER ST  
 Mailing City,State,Zip: HART, MI 49420  
 Owner Name: RONALD BENNING  
 Owner Type: Private  
 Operator Name: RONALD BENNING  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HART BODY SHOP (Continued)**

**1000391154**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RABY GALE C
Legal Status:	Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART BODY SHOP (Continued)**

**1000391154**

Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RONALD BENNING  
Legal Status: Private  
Date Became Current: 19970801  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: RONALD BENNING  
Legal Status: Private  
Date Became Current: 19970801  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RABY GALE C  
Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RABY GALE C  
Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HART BODY SHOP (Continued)**

**1000391154**

Owner/Operator Indicator: Operator  
 Owner/Operator Name: RONALD BENNING  
 Legal Status: Private  
 Date Became Current: 19970801  
 Date Ended Current: Not reported  
 Owner/Operator Address: Not reported  
 Owner/Operator City,State,Zip: Not reported  
 Owner/Operator Telephone: Not reported  
 Owner/Operator Telephone Ext: Not reported  
 Owner/Operator Fax: Not reported  
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
 Owner/Operator Name: RABY GALE C  
 Legal Status: Private  
 Date Became Current: 19700101  
 Date Ended Current: Not reported  
 Owner/Operator Address: Not reported  
 Owner/Operator City,State,Zip: Not reported  
 Owner/Operator Telephone: Not reported  
 Owner/Operator Telephone Ext: Not reported  
 Owner/Operator Fax: Not reported  
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
 Owner/Operator Name: RONALD BENNING  
 Legal Status: Private  
 Date Became Current: 19970801  
 Date Ended Current: Not reported  
 Owner/Operator Address: Not reported  
 Owner/Operator City,State,Zip: Not reported  
 Owner/Operator Telephone: Not reported  
 Owner/Operator Telephone Ext: Not reported  
 Owner/Operator Fax: Not reported  
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20011231  
 Handler Name: HART BODY SHOP  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 State District Owner: Not reported  
 Large Quantity Handler of Universal Waste: No  
 Recognized Trader Importer: No  
 Recognized Trader Exporter: No  
 Spent Lead Acid Battery Importer: No  
 Spent Lead Acid Battery Exporter: No  
 Current Record: Yes  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

Receive Date: 19900402  
 Handler Name: HART BODY SHOP  
 Federal Waste Generator Description: Small Quantity Generator  
 State District Owner: Not reported  
 Large Quantity Handler of Universal Waste: No  
 Recognized Trader Importer: No  
 Recognized Trader Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART BODY SHOP (Continued)**

**1000391154**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81112  
NAICS Description: AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003638948

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000391154  
Registry ID: 110003638948  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003638948>  
Name: HART BODY SHOP  
Address: 101 WATER ST  
City,State,Zip: HART, MI 49420

C16  
SE  
< 1/8  
0.041 mi.  
215 ft.

**RIGHT OF WAY**  
**108 S COURTLAND ST**  
**HART, MI 49420**

**Site 1 of 2 in cluster C**

**UST U004295607**  
**N/A**

**Relative:**  
**Higher**

UST:

**Actual:**  
**658 ft.**

Name: RIGHT OF WAY  
Address: 108 S COURTLAND ST  
City,State,Zip: HART 49420-1143  
Facility Type: CLOSED  
Facility ID: 50005385  
Owner Name: CITY OF HART  
Owner Address: 407 STATE  
Owner City: HART  
Owner State: MI

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RIGHT OF WAY (Continued)**

**U004295607**

Owner Zip: 49420  
 Owner Contact: Not reported  
 Owner Phone: 2318732488  
 Contact: Not reported  
 Contact Phone: Not reported  
 Date of Collection: Not reported  
 Accuracy: Not reported  
 Horizontal Datum: Not reported  
 Accuracy Value Unit: Not reported  
 Source: Not reported  
 Point Line Area: Not reported  
 Desc Category: Not reported  
 Method of Collection: Not reported  
 District: Not reported  
 Tank ID: 1  
 Capacity: 500  
 Tank Status: Removed from Ground  
 Substance: Not reported  
 Install Date: Not reported  
 Remove Date: 08/06/2004  
 Tank Number: Not reported  
 Tank Details Compartments: Not reported  
 Tank Release Detection: Not reported  
 Pipe Release Detection: Not reported  
 Piping Material: Not reported  
 Piping Type: Not reported  
 Tank Construction: Not reported  
 Impressed Device: Not reported  
 Latitude: Not reported  
 Longitude: Not reported

**C17  
 SE  
 < 1/8  
 0.041 mi.  
 215 ft.**

**RIGHT OF WAY  
 108 S COURTLAND ST  
 HART, MI 49420  
 Site 2 of 2 in cluster C**

**LUST S106521478  
 N/A**

**Relative:  
 Higher**

**Actual:  
 658 ft.**

**LUST:**  
 Name: RIGHT OF WAY  
 Address: 108 S COURTLAND ST  
 City,State,Zip: HART, MI 49420-  
 Facility ID: 50005385  
 Source: STATE OF MICHIGAN  
 Owner Name: Cityof Hart  
 Owner Address: Not reported  
 Owner City,St,Zip: UNKNOWN, MI  
 Owner Contact: Not reported  
 Owner Phone: Not reported  
 Country: USA  
 District: Grand Rapids  
 Site Name: Right of Way  
 Latitude: 43.70192  
 Longitude: -86.36607  
 Date of Collection: 11/04/2006  
 Method of Collection: Interpolation-Map  
 Accuracy: 15  
 Accuracy Value Unit: METERS  
 Horizontal Data: NAD83

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIGHT OF WAY (Continued)**

**S106521478**

Point Line Area: POINT  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0351-04  
Release Date: 08/12/2004  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 01/30/2015

**D18**  
**East**  
**< 1/8**  
**0.045 mi.**  
**239 ft.**

**HART EZ MART**  
**3 N STATE ST**  
**HART, MI 49420**

**UST** **U003327746**  
**Financial Assurance** **N/A**

**Site 1 of 13 in cluster D**

**Relative:**  
**Lower**  
**Actual:**  
**649 ft.**

UST:  
Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART 49420-1120  
Facility Type: CLOSED  
Facility ID: 00003366  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: David Mead  
Contact Phone: (616) 864-3111  
Date of Collection: 10/23/2007  
Accuracy: 40  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Interpolation-Map  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 5000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/24/1966  
Remove Date: 04/28/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003327746**

Latitude: 43.70273  
Longitude: -86.36397

Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART 49420-1120  
Facility Type: CLOSED  
Facility ID: 00003366  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: David Mead  
Contact Phone: (616) 864-3111  
Date of Collection: 10/23/2007  
Accuracy: 40  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Interpolation-Map  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 5000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/24/1966  
Remove Date: 04/28/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70273  
Longitude: -86.36397

Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART 49420-1120  
Facility Type: CLOSED  
Facility ID: 00003366  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: David Mead  
Contact Phone: (616) 864-3111

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HART EZ MART (Continued)**

**U003327746**

Date of Collection: 10/23/2007  
 Accuracy: 40  
 Horizontal Datum: NAD83  
 Accuracy Value Unit: FEET  
 Source: STATE OF MICHIGAN  
 Point Line Area: POINT  
 Desc Category: Plant Entrance (Freight)  
 Method of Collection: Interpolation-Map  
 District: Region 3 - Grand Rapids District Office  
 Tank ID: 1  
 Capacity: 8000  
 Tank Status: Removed from Ground  
 Substance: Gasoline  
 Install Date: 04/24/1966  
 Remove Date: 04/28/1997  
 Tank Number: Not reported  
 Tank Details Compartments: Not reported  
 Tank Release Detection: Not reported  
 Pipe Release Detection: Not reported  
 Piping Material: Not reported  
 Piping Type: Not reported  
 Tank Construction: Not reported  
 Impressed Device: Not reported  
 Latitude: 43.70273  
 Longitude: -86.36397

**FINANCIAL ASSURANCE 3:**

Name: HART EZ MART  
 Address: 223 S STATE ST  
 City,State,Zip: HART, MI 49420-1224  
 Facility ID: 00008478  
 Exempt: No  
 Expiration Date: 01/04/2023  
 Bond Rating Tests: Not reported  
 Commercial Insurance: Not reported  
 Guarantee: Not reported  
 Letter of Credit: Not reported  
 Risk Retention Group: Not reported  
 Self Insurance: Not reported  
 State Funds: CHECKED  
 Surety Bond: Not reported  
 Trust Funds: Not reported  
 Year: 2022

D19  
 ENE  
 < 1/8  
 0.061 mi.  
 323 ft.

**BLARNEY CASTLE OIL CO**  
**3 S STATE ST**  
**HART, MI 49420**  
**Site 2 of 13 in cluster D**

EDR Hist Auto 1021144449  
 N/A

Relative:  
 Lower

EDR Hist Auto

Actual:  
 640 ft.

Year: Name:  
 1994 BLARNEY CASTLE OIL CO

Type:  
 Gasoline Service Stations



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D20**  
**ENE**  
 < 1/8  
 0.062 mi.  
 327 ft.

**3 N STATE STREET**  
**3 N STATE STREET**  
**HART, MI 49420**  
**Site 3 of 13 in cluster D**

**BEA S110748221**  
**WDS N/A**

**Relative:**  
**Lower**  
**Actual:**  
**638 ft.**

**BEA:**  
 Name: 3 N STATE STREET  
 Address: 3 N STATE STREET  
 City,State,Zip: HART, MI 49420  
 Secondary Address: Not reported  
 BEA Number: 2879  
 District: Grand Rapids  
 Date Received: 01/19/2011  
 Submitter Name: City of Hart  
 Petition Determination: No Request  
 Petition Disclosure: 0  
 Category: Not reported  
 Determination 20107A: No Request  
 Reviewer: mecherb  
 Division Assigned: STD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**WDS:**  
 Name: HART TAX INCREMENT FINANCE AUTHORITY  
 Address: 3 N STATE ST  
 City,State,Zip: HART, MI 49420  
 Site Id: MIK147629455  
 WMD Id: 487944  
 Site Specific Name: FORMER EZ MART  
 Mailing Address: 407 N STATE ST  
 Mailing City/State/Zip: 49420  
 Mailing County: OCEANA

**D21**  
**ENE**  
 < 1/8  
 0.062 mi.  
 327 ft.

**DOWNTOWN MOBIL**  
**3 N STATE ST**  
**HART, MI 49420**  
**Site 4 of 13 in cluster D**

**EDR Hist Auto 1021664184**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**638 ft.**

**EDR Hist Auto**

Year:	Name:	Type:
1973	DOWNTOWN MOBIL	Gasoline Service Stations
1974	DOWNTOWN MOBIL	Gasoline Service Stations
1975	DOWNTOWN MOBIL	Gasoline Service Stations
1976	DOWNTOWN MOBIL	Gasoline Service Stations

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOWNTOWN MOBIL (Continued)**

1021664184

1977	DOWNTOWN MOBIL	Gasoline Service Stations
1978	DOWNTOWN MOBIL	Gasoline Service Stations
1979	DOWNTOWN MOBIL	Gasoline Service Stations
1980	DOWNTOWN MOBIL	Gasoline Service Stations
1982	DOWNTOWN MOBIL	Gasoline Service Stations
1983	DOWNTOWN MOBIL	Gasoline Service Stations

**D22**  
**ENE**  
**< 1/8**  
**0.062 mi.**  
**327 ft.**

**HART EZ MART**  
**3 N STATE ST**  
**HART, MI 49420**

**Site 5 of 13 in cluster D**

**LUST** **S125297806**  
**INVENTORY** **N/A**  
**BEA**

**Relative:**  
**Lower**  
**Actual:**  
**638 ft.**

**LUST:**  
Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART, MI 49420-  
Facility ID: 00003366  
Source: STATE OF MICHIGAN  
Owner Name: BlarneyCastle Oil Co  
Owner Address: Not reported  
Owner City,St,Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Hart EZ Mart - Superior Oil Company  
Latitude: 43.70273  
Longitude: -86.36397  
Date of Collection: 10/23/2007  
Method of Collection: Interpolation-Map  
Accuracy: 40  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: C-1317-85  
Release Date: 01/01/1987  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 07/18/2011

**INVENTORY:**  
Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART, MI 49420  
Township: Hart  
District: Grand Rapids  
Data Source: Risk Controlled  
Lust Name: Hart EZ Mart - Superior Oil Company  
Regulatory Program: 213

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**S125297806**

Release Status: Closed  
Project Manager: Knoerr, Paul  
Latitude: 43.70273268  
Longitude: -86.36397602

**BEA:**

Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 09/17/1999  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00003366  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: P199900587GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A1 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. Associated with facility ID# 00003366 B200401497GR B200401479GR P99-00587-GR B201102879GR  
Organization: City of Harrt  
Contact: Scott Hubler  
Contact Type: Submitter Contact

Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 01/19/2011  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00003366  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201102879GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2011-01-20 16:26:56

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**S125297806**

Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A1 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. Associated with facility ID# 00003366 B200401497GR B200401479GR P99-00587-GR B201102879GR

Organization: City of Hart  
Contact: Stan Rickard  
Contact Type: Submitter Contact

Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 08/11/2004  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00003366  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B200401479GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-08-11 12:09:49  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A1 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. Associated with facility ID# 00003366 B200401497GR B200401479GR P99-00587-GR B201102879GR

Organization: Hart Tax Increment Finance Authority  
Contact: Mr. Mike Powers  
Contact Type: Submitter Contact

Name: HART EZ MART  
Address: 3 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 09/17/2004  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00003366

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HART EZ MART (Continued)**

**S125297806**

Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200401497GR
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-09-17 11:53:23
Date Completed:	Not reported
Township:	Hart
Work Unit:	Grand Rapids
Comments:	Category A1 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. Associated with facility ID# 00003366 B200401497GR B200401479GR P99-00587-GR B201102879GR
Organization:	Rybarz Properties LLC
Contact:	Fred Rybarz
Contact Type:	Submitter Contact

**D23**  
**ENE**  
 < 1/8  
 0.062 mi.  
 327 ft.

**HART TAX INCREMENT FINANCE AUTHORITY**  
**3 N STATE ST**  
**HART, MI 49420**  
**Site 6 of 13 in cluster D**

**RCRA NonGen / NLR**    **1014391450**  
**MIK147629455**

**Relative:**  
**Lower**  
**Actual:**  
**638 ft.**

RCRA Listings:		20100601
Date Form Received by Agency:		20100601
Handler Name:	HART TAX INCREMENT FINANCE AUTHORITY	
Handler Address:	3 N STATE ST	
Handler City,State,Zip:	HART, MI 49420	
EPA ID:	MIK147629455	
Contact Name:	STANLEY RICKARD	
Contact Address:	3 N STATE ST	
Contact City,State,Zip:	HART, MI 49420	
Contact Telephone:	231-873-2488	
Contact Fax:	Not reported	
Contact Email:	Not reported	
Contact Title:	Not reported	
EPA Region:	05	
Land Type:	Municipal	
Federal Waste Generator Description:	Not a generator, verified	
Non-Notifier:	Not reported	
Biennial Report Cycle:	Not reported	
Accessibility:	Not reported	
Active Site Indicator:	Not reported	
State District Owner:	Not reported	
State District:	Not reported	
Mailing Address:	407 N STATE ST	
Mailing City,State,Zip:	HART, MI 49420	
Owner Name:	HART TAX INCREMENT FINANCE AUTHORITY	
Owner Type:	Municipal	
Operator Name:	HART TAX INCREMENT FINANCE AUTHORITY	
Operator Type:	Municipal	
Short-Term Generator Activity:	No	
Importer Activity:	No	
Mixed Waste Generator:	No	
Transporter Activity:	No	
Transfer Facility Activity:	No	
Recycler Activity with Storage:	No	
Small Quantity On-Site Burner Exemption:	No	
Smelting Melting and Refining Furnace Exemption:	No	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART TAX INCREMENT FINANCE AUTHORITY (Continued)**

**1014391450**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

**Handler - Owner Operator:**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HART TAX INCREMENT FINANCE AUTHORITY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART TAX INCREMENT FINANCE AUTHORITY (Continued)**

**1014391450**

Legal Status: Municipal  
Date Became Current: 20010201  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: HART TAX INCREMENT FINANCE AUTHORITY  
Legal Status: Municipal  
Date Became Current: 20010201  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100601  
Handler Name: HART TAX INCREMENT FINANCE AUTHORITY  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44512  
NAICS Description: CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**D24**  
**ENE**  
**< 1/8**  
**0.063 mi.**  
**331 ft.**

**STATE STREET ROW**  
**45 N STATE ST**  
**HART, MI 49420**  
  
**Site 7 of 13 in cluster D**

**UST** **U004225639**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**637 ft.**

**UST:**  
Name: STATE STREET ROW  
Address: 45 N STATE ST  
City,State,Zip: HART 49420  
Facility Type: CLOSED  
Facility ID: 00042522  
Owner Name: CITY OF HART  
Owner Address: 407 S STATE ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420  
Owner Contact: Not reported  
Owner Phone: 2318732488  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 160  
Tank Status: Removed from Ground  
Substance: Not reported  
Install Date: Not reported  
Remove Date: 07/01/2014  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

**25**  
**SSW**  
**< 1/8**  
**0.069 mi.**  
**364 ft.**

**LARSONS SONS**  
**4 LINCOLN ST**  
**HART, MI 49420**

**AST** **A100318360**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**654 ft.**

**AST:**  
Name: LARSONS SONS  
Address: 4 LINCOLN ST  
City: HART  
Zip: 49420-1136  
Facility ID: 92064054  
Owner Name: EXCEL PROPANE CO



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LARSONS SONS (Continued)**

**A100318360**

Owner Address: 365 SOUTH 3RD AVENUE  
Owner City,St,Zip: FRUITPORT, MI 49415  
District: 3  
Date of Collection: 04/28/2009  
Accuracy: 40 FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Description Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Horizontal Datum: NAD83  
Latitude: 43.7006843  
Longitude: -86.365027

Tank Id: ATK-122419-15  
Tank Status: Removed from Premises  
Capacity (in gallons): 500  
Installation Date: 10/23/2006  
Substance Stored: LPG  
Removed/Closed Date: 11/03/2014

Tank Id: ATK-040110-15  
Tank Status: Removed from Premises  
Capacity (in gallons): 500  
Installation Date: 06/30/1997  
Substance Stored: LPG  
Removed/Closed Date: 10/23/2006

**D26**  
**ENE**  
**< 1/8**  
**0.070 mi.**  
**369 ft.**

**26 NORTH STATE STREET**  
**26 NORTH STATE STREET**  
**HART, MI 49420**  
**Site 8 of 13 in cluster D**

**BEA S105966576**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**635 ft.**

BEA:  
Name: 26 NORTH STATE STREET  
Address: 26 NORTH STATE STREET  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: 1233  
District: Grand Rapids  
Date Received: 06/27/2003  
Submitter Name: Gayle Forner  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: N  
Determination 20107A: No Request  
Reviewer: mecherb  
Division Assigned: STD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**26 NORTH STATE STREET (Continued)**

**S105966576**

Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**D27**  
**ENE**  
 < 1/8  
 0.070 mi.  
 369 ft.

**24 AND 26 NORTH STATE STREET**  
**24 AND 26 NORTH STATE STREET**  
**HART, MI 49420**

**BEA S109094160**  
**N/A**

**Site 9 of 13 in cluster D**

**Relative:**  
**Lower**

**BEA:**

**Actual:**  
**635 ft.**

Name: 24 AND 26 NORTH STATE STREET  
 Address: 24 AND 26 NORTH STATE STREET  
 City,State,Zip: HART, MI 49420  
 Secondary Address: Not reported  
 BEA Number: 2275  
 District: Grand Rapids  
 Date Received: 04/23/2008  
 Submitter Name: Lake Pointe LDHALP  
 Petition Determination: Affirmed  
 Petition Disclosure: 1  
 Category: N  
 Determination 20107A: Affirmed  
 Reviewer: mecherb  
 Division Assigned: STD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**D28**  
**ENE**  
 < 1/8  
 0.070 mi.  
 369 ft.

**MERSKIN & MERSKIN PC**  
**26 N STATE ST**  
**HART, MI 49420**

**LUST U002302857**  
**UST N/A**  
**BROWNFIELDS**  
**INVENTORY**  
**BEA**  
**WDS**

**Site 10 of 13 in cluster D**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**635 ft.**

Name: MERSKIN & MERSKIN PC  
 Address: 26 N STATE ST  
 City,State,Zip: HART, MI 49420-  
 Facility ID: 00001715  
 Source: STATE OF MICHIGAN  
 Owner Name: Merskin& Merskin Pc  
 Owner Address: Not reported  
 Owner City,St,Zip: UNKNOWN, MI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERSKIN & MERSKIN PC (Continued)**

**U002302857**

Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Merskin And Merskin  
Latitude: 43.70292  
Longitude: -86.36344  
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)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-1985-92  
Release Date: 11/06/1992  
Substance Released: Diesel,Gasoline  
Release Status: Closed  
Release Closed Date: 01/22/2015

**UST:**

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART 49420-1194  
Facility Type: CLOSED  
Facility ID: 00001715  
Owner Name: MERSKIN & MERSKIN PC  
Owner Address: 26 N STATE ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1121  
Owner Contact: Not reported  
Owner Phone: 6168732111  
Contact: DAVID L HATCH  
Contact Phone: (616) 845-6251  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1200  
Tank Status: Closed in Ground  
Substance: Gasoline  
Install Date: 04/03/1971  
Remove Date: 05/20/1994  
Tank Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERSKIN & MERSKIN PC (Continued)**

**U002302857**

Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70292  
Longitude: -86.36344

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART 49420-1194  
Facility Type: CLOSED  
Facility ID: 00001715  
Owner Name: MERSKIN & MERSKIN PC  
Owner Address: 26 N STATE ST  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-1121  
Owner Contact: Not reported  
Owner Phone: 6168732111  
Contact: DAVID L HATCH  
Contact Phone: (616) 845-6251  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 1000  
Tank Status: Closed in Ground  
Substance: Diesel  
Install Date: 04/02/1966  
Remove Date: 05/20/1994  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70292  
Longitude: -86.36344

**BROWNFIELDS:**

Name: Not reported  
Address: 26 N STATE ST  
City,State,Zip: HART, MI  
Facility ID: Not reported  
Region: 1  
Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERSKIN & MERSKIN PC (Continued)**

**U002302857**

Property Use: Not reported  
BEA: Not reported  
Ernie Id Number: Not reported  
X Coordinate: -86.363755  
Y Coordinate: 43.703737  
Project Name: Lake Point Elderly Development  
Date Year Funded: 12/19/2006  
Total Brownfield Incentives: 279150  
Approved Amount: Not reported  
Grant Award Amount: \$279,150  
Loan Award Amount: Not reported  
Waterfront Award Amount: 0  
Brownfield Site Assessment: Not reported  
Development Type: Residential  
Prior Use: Not reported  
Contaminants: Not reported

**INVENTORY:**

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART, MI 49420  
Township: Hart  
District: Grand Rapids  
Data Source: Risk Controlled  
Lust Name: Merskin And Merskin  
Regulatory Program: 213  
Release Status: Closed  
Project Manager: Knoerr, Paul  
Latitude: 43.702929  
Longitude: -86.363443

**BEA:**

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 10/14/2013  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00001715  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201303551GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2013-10-15 11:06:32  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A1 Facility ID #00001715 REVIEW CONCLUSION: BEA is entirely

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERSKIN & MERSKIN PC (Continued)**

**U002302857**

of previously identified concerns, and concerns have already been dealt with appropriately.

Organization: Hart Seniors LDHALP  
Contact: Joseph Hollander  
Contact Type: Submitter Contact

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 06/27/2003  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00001715  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B200301233GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A2 Facility ID #0-001715 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and further follow up is needed, awaiting resources. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: None at this time.

Organization: Gayle Forner  
Contact: Gayle Forner  
Contact Type: Submitter Contact

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 04/23/2008  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00001715  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: P200802275GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2008-04-24 07:35:58

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERSKIN & MERSKIN PC (Continued)**

**U002302857**

Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A2 Facility ID #0-0001715 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and further follow up is needed, awaiting resources. 4/30/08 Phone Call - DEQ to Brian Boyer of Kaiser & Associates stating problem with affidavit and notary commission expiration dates.  
Organization: Lake Pointe LDHALP  
Contact: Joseph Hollander  
Contact Type: Submitter Contact  
Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 03/10/2010  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00001715  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201002676GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2010-03-11 07:50:22  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: A2 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and further follow up is needed, awaiting resources. Facility ID #0-00001715  
Organization: Michigan Land Bank Fast Track Authority  
Contact: Carrie Lewand-Monroe  
Contact Type: Submitter Contact

**WDS:**

Name: MERSKIN & MERSKIN PC  
Address: 26 N STATE ST  
City,State,Zip: HART, MI 49420  
Site Id: MIG000038992  
WMD Id: 416820  
Site Specific Name: MERSKIN & MERSKIN PC  
Mailing Address: 26 N STATE ST  
Mailing City/State/Zip: 49420  
Mailing County: OCEANA

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D29**  
**ENE**  
 < 1/8  
 0.070 mi.  
 369 ft.

**MERSKIN & MERSKIN PC**  
**26 NORTH STATE STREET**  
**HART, MI 49420**

**AUL S117369634**  
**N/A**

**Site 11 of 13 in cluster D**

**Relative:**  
**Lower**

**AUL:**

**Actual:**  
**635 ft.**

Name: MERSKIN & MERSKIN PC  
 Address: 26 NORTH STATE STREET  
 City,State,Zip: HART, MI 49420  
 Status: Recorded  
 Site Name: Not reported  
 Property: on-site  
 Land Use Restriction Type: RC  
 Program Type: Part 213  
 Program Support Assigned User: Nicholas Ekel  
 Program Support Assigned Date: 02/11/2015  
 Legal Description Of Property: Not reported  
 Based On The Deq Ref #: 11121314180  
 MDEQ Reference Number: RC-RRD-213-14-180  
 Property Or Description Restricted Area: Not reported  
 Lead Division: RD  
 File Name Of Hyperlinked Legal Doc: U:\KERMIT\11121314180.PDF  
 Mapped Polygons Area In Acres: 0.5996000000000002  
 Mapped Polygons Area In Square Miles: 0.0009  
 Date Data Entry Started: 05/11/2015  
 Date Data Entry Finished: 05/11/2015  
 Individual Or Staff Assoc With The Mapping: Nicholas Ekel  
 Program Used To Map Restricted Features: ArcGIS 10.2  
 Date Legal Paperwork Stamped/Filed/Register Of Deeds: 01/14/2015  
 Commercial I Land Use Restriction: 0  
 Commercial Ii Land Use Restriction: 0  
 Commercial Iii Land Use Restriction: 0  
 Commercial Iv Land Use Restriction: 0  
 Industrial Land Use Restriction: 0  
 Residential Land Use Restriction: 0  
 Recreational Land Use Restriction: 0  
 Multiple Land-Use Restrictions: 0  
 Site Specific Restrictions: 1  
 Groundwater Consumption Restrictions: 1  
 Groundwater Contact Restrictions: 0  
 Special Well Construction Requirements: 0  
 Special Building Restrictions: 1  
 Excavation And Soil Movement Restrictions: 0  
 Soil Movement Requirements: 0  
 There Is A Restriction On All Construction: 0  
 Monitoring Well Protected, No Tampering Or Removal: 0  
 There Is An Exposure Barrier In Place: 0  
 There Is A Health And Safety Plan: 0  
 There Is A Permanent Marker On The Site: 0

Comment: August 29, 2014 consultant requested DEQ reference #.  
 Map Comments: 20150211 - LRUR is NOT mapped in KERMIT - Nick Ekel 20150511 - LRUR is mapped in KERMIT - Nick Ekel



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E30**            **HART HYDRO ELECTRIC PLANT**  
**North**        **407 STATE ST.**  
**< 1/8**         **HART, MI 49420**  
**0.071 mi.**  
**373 ft.**        **Site 1 of 2 in cluster E**

**PART 201**    **S105144566**  
**DEL PART 201**    **N/A**

**Relative:**        PART 201:  
**Lower**            Facility ID:            64000003  
**Actual:**         **Facility Status:**    **Deleted - available documentation does not support listing**  
**647 ft.**            Source:                Electrical Services  
                          SAM Score:             24  
                          SAM Score Date:      08/13/1991  
                          Township:              15N  
                          Range:                 17W  
                          Section:                8  
                          Quarter:                SE  
                          Quarter/Quarter:      SW  
                          Pollutants:             Diesel fuel

DEL\_PART201:  
 Facility ID:        64000003  
 Status:             Deleted - available documentation does not support listing

**E31**            **CITY OF HART**  
**North**        **407 STATE ST**  
**< 1/8**         **HART, MI 49420**  
**0.071 mi.**  
**373 ft.**        **Site 2 of 2 in cluster E**

**INVENTORY**    **S111970093**  
**WDS**             **N/A**

**Relative:**        INVENTORY:  
**Lower**            Name:                  HART HYDRO ELECTRIC PLANT  
**Actual:**         Address:                407 STATE STREET  
**647 ft.**            City,State,Zip:        HART, MI 49420  
                          Township:              Hart  
                          District:                Grand Rapids  
                          Data Source:            Risks Present and Require Action in Short-term  
                          Lust Name:             Not reported  
                          Regulatory Program:    201  
                          Release Status:        Not reported  
                          Project Manager:      Hopkins, Heather  
                          Latitude:                43.704074  
                          Longitude:              -86.365973

WDS:  
 Name:                CITY OF HART  
 Address:             407 STATE ST  
 City,State,Zip:     HART, MI 49420  
 Site Id:                MIG000006978  
 WMD Id:               457967  
 Site Specific Name: CITY OF HART  
 Mailing Address:    407 STATE ST  
 Mailing City/State/Zip: 49420  
 Mailing County:     OCEANA

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D32**      **FARMERS PETROLEUM**  
**East**     **17 E MAIN ST**  
**< 1/8**    **HART, MI 49420**  
**0.075 mi.**  
**398 ft.**    **Site 12 of 13 in cluster D**

**AST**    **A100150988**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**646 ft.**

**AST:**  
 Name: FARMERS PETROLEUM  
 Address: 17 E MAIN ST  
 City: HART  
 Zip: 49420-3103  
 Facility ID: 92064003  
 Owner Name: SHELL GAS (LPG) BULK, LLC  
 Owner Address: 5857 S WARNER AVENUE  
 Owner City,St,Zip: FREMONT, MI 49412  
 District: 3  
 Date of Collection: 08/08/2001  
 Accuracy: 10 METERS  
 Source: STATE OF MICHIGAN  
 Point Line Area: POINT  
 Description Category: Plant Entrance (Freight)  
 Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
 Horizontal Datum: NAD83  
 Latitude: 43.6922780  
 Longitude: -86.366653

Tank Id: ATK-028551-15  
 Tank Status: Removed from Premises  
 Capacity (in gallons): 30000  
 Installation Date: 11/21/1996  
 Substance Stored: LPG  
 Removed/Closed Date: 12/08/2003

**D33**      **FREMONT COOPERATIVE PRODUCE INC**  
**East**     **17 E MAIN ST**  
**< 1/8**    **HART, MI 49420**  
**0.075 mi.**  
**398 ft.**    **Site 13 of 13 in cluster D**

**RCRA NonGen / NLR**    **1006808396**  
**FINDS**                **MIK111735221**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**646 ft.**

**RCRA Listings:**  
 Date Form Received by Agency: 20050402  
 Handler Name: FREMONT COOPERATIVE PRODUCE INC  
 Handler Address: 17 E MAIN ST  
 Handler City,State,Zip: HART, MI 49420  
 EPA ID: MIK111735221  
 Contact Name: TOM SAYLES  
 Contact Address: 17 E MAIN ST  
 Contact City,State,Zip: HART, MI 49420  
 Contact Telephone: 231-873-3042  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 05  
 Land Type: Other  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

**1006808396**

State District:	Not reported
Mailing Address:	17 E MAIN ST
Mailing City, State, Zip:	HART, MI 49420
Owner Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner Type:	Private
Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

**1006808396**

Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20050403  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20050403  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20050403  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20050403  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

**1006808396**

Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20030225  
Handler Name: FREMONT COOPERATIVE PRODUCE INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20050402  
Handler Name: FREMONT COOPERATIVE PRODUCE INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 111998  
NAICS Description: ALL OTHER MISCELLANEOUS CROP FARMING

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREMONT COOPERATIVE PRODUCE INC (Continued)**

**1006808396**

Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20030327  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

FINDS:

Registry ID: 110014456427

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1006808396  
Registry ID: 110014456427  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110014456427>  
Name: FREMONT COOPERATIVE PRODUCE INC  
Address: 17 E MAIN ST  
City,State,Zip: HART, MI 49420

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**34**  
**ESE**  
**< 1/8**  
**0.082 mi.**  
**433 ft.**

**COUNTY OF OCEANA**  
**100 S STATE ST**  
**HART, MI 49420**

**UST**    **U003866790**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**657 ft.**

UST:  
Name: COUNTY OF OCEANA  
Address: 100 S STATE ST  
City,State,Zip: HART 49420-1188  
Facility Type: CLOSED  
Facility ID: 00008330  
Owner Name: COUNTY OF OCEANA  
Owner Address: PO BOX 14  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-0014  
Owner Contact: Not reported  
Owner Phone: 6168734835  
Contact: Paul E Inglis  
Contact Phone: (616) 873-4835  
Date of Collection: 11/04/2006  
Accuracy: 15  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Not reported  
Method of Collection: Interpolation-Map  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1500  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 04/01/1967  
Remove Date: 04/13/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70184  
Longitude: -86.36346

Name: COUNTY OF OCEANA  
Address: 100 S STATE ST  
City,State,Zip: HART 49420-1188  
Facility Type: CLOSED  
Facility ID: 00008330  
Owner Name: COUNTY OF OCEANA  
Owner Address: PO BOX 14  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-0014  
Owner Contact: Not reported  
Owner Phone: 6168734835

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF OCEANA (Continued)

U003866790

Contact: Paul E Inglis  
Contact Phone: (616) 873-4835  
Date of Collection: 11/04/2006  
Accuracy: 15  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Not reported  
Method of Collection: Interpolation-Map  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 2000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/01/1967  
Remove Date: 04/13/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70184  
Longitude: -86.36346

35  
WNW  
< 1/8  
0.084 mi.  
443 ft.

FORD GARAGE  
151 W MAIN ST  
HART, MI 49420

LUST U003790699  
UST N/A

Relative:  
Lower  
Actual:  
626 ft.

LUST:  
Name: FORD GARAGE  
Address: 151 W MAIN ST  
City,State,Zip: HART, MI 49420-  
Facility ID: 00040604  
Source: STATE OF MICHIGAN  
Owner Name: Cityof Hart  
Owner Address: Not reported  
Owner City,St,Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: City Of Hart - Ford Garage  
Latitude: 43.70317  
Longitude: -86.36454  
Date of Collection: 10/05/2004  
Method of Collection: Address Matching-House Number  
Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Not reported  
Regulatory Program: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORD GARAGE (Continued)**

**U003790699**

Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0096-01  
Release Date: 02/08/2001  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 09/29/2015

UST:

Name: FORD GARAGE  
Address: 151 W MAIN ST  
City,State,Zip: HART, MI 49420-1024  
Facility Type: Removed from Ground  
Facility ID: 00040604  
Owner Name: CITY OF HART  
Owner Address: 407 STATE  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420  
Owner Contact: Not reported  
Owner Phone: 2318732488  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: NRT2  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 2001-02-09 00:00:00  
Tank Number: UTK-089373-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Tank Construction: Unknown  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: FORD GARAGE  
Address: 151 W MAIN ST  
City,State,Zip: HART, MI 49420-1024  
Facility Type: Removed from Ground  
Facility ID: 00040604

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORD GARAGE (Continued)**

**U003790699**

Owner Name:	CITY OF HART
Owner Address:	407 STATE
Owner City:	HART
Owner State:	MI
Owner Zip:	49420
Owner Contact:	Not reported
Owner Phone:	2318732488
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	NRT1
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	2001-02-09 00:00:00
Tank Number:	UTK-007931-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Unknown
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	FORD GARAGE
Address:	151 W MAIN ST
City,State,Zip:	HART 49420-1024
Facility Type:	CLOSED
Facility ID:	00040604
Owner Name:	CITY OF HART
Owner Address:	407 STATE
Owner City:	HART
Owner State:	MI
Owner Zip:	49420
Owner Contact:	Not reported
Owner Phone:	2318732488
Contact:	SCOTT HUEBLER
Contact Phone:	(231) 873-2488
Date of Collection:	10/05/2004
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Address Matching-House Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORD GARAGE (Continued)**

**U003790699**

District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 02/09/2001  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70317  
Longitude: -86.36454

**F36**  
**SSE**  
**1/8-1/4**  
**0.143 mi.**  
**756 ft.**

**HART EZ MART**  
**223 S STATE ST**  
**HART, MI 49420**  
**Site 1 of 3 in cluster F**

**UST** **U003328167**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**675 ft.**

UST:  
Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 9  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: 10/25/1991  
Remove Date: 08/03/1999  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003328167**

Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.70035
Longitude:	-86.36390
Name:	HART EZ MART
Address:	223 S STATE ST
City,State,Zip:	HART 49420-1224
Facility Type:	ACTIVE
Facility ID:	00008478
Owner Name:	BLARNEY CASTLE OIL CO
Owner Address:	PO BOX 246
Owner City:	BEAR LAKE
Owner State:	MI
Owner Zip:	49614
Owner Contact:	Not reported
Owner Phone:	2318643111
Contact:	Veronica Collier
Contact Phone:	(231) 864-3111
Date of Collection:	04/17/2001
Accuracy:	10
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Region 3 - Grand Rapids District Office
Tank ID:	8
Capacity:	12000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	10/25/1991
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.70035
Longitude:	-86.36390
Name:	HART EZ MART
Address:	223 S STATE ST
City,State,Zip:	HART 49420-1224
Facility Type:	ACTIVE
Facility ID:	00008478
Owner Name:	BLARNEY CASTLE OIL CO
Owner Address:	PO BOX 246
Owner City:	BEAR LAKE
Owner State:	MI
Owner Zip:	49614

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003328167**

Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 7  
Capacity: 12000  
Tank Status: Currently In Use  
Substance: Gasoline  
Install Date: 10/25/1991  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 6  
Capacity: 8000  
Tank Status: Currently In Use  
Substance: Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003328167**

Install Date: 10/25/1991  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 5  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: Not reported  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003328167**

Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 4  
Capacity: 4000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 04/04/1975  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003328167**

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 5000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/04/1975  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 8000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/03/1977  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**U003328167**

Longitude: -86.36390  
Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART 49420-1224  
Facility Type: ACTIVE  
Facility ID: 00008478  
Owner Name: BLARNEY CASTLE OIL CO  
Owner Address: PO BOX 246  
Owner City: BEAR LAKE  
Owner State: MI  
Owner Zip: 49614  
Owner Contact: Not reported  
Owner Phone: 2318643111  
Contact: Veronica Collier  
Contact Phone: (231) 864-3111  
Date of Collection: 04/17/2001  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 12000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/04/1983  
Remove Date: 10/27/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70035  
Longitude: -86.36390

**F37**  
**SSE**  
**1/8-1/4**  
**0.143 mi.**  
**756 ft.**

**HART EZ MART**  
**223 S STATE ST**  
**HART, MI 49420**  
**Site 2 of 3 in cluster F**

**LUST S125297827**  
**INVENTORY N/A**

**Relative:**  
**Higher**  
**Actual:**  
**675 ft.**

**LUST:**  
Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART, MI 49420-  
Facility ID: 00008478  
Source: STATE OF MICHIGAN  
Owner Name: BlarneyCastle Oil Co  
Owner Address: Not reported  
Owner City,St,Zip: UNKNOWN, MI  
Owner Contact: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART EZ MART (Continued)**

**S125297827**

Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Hart EZ Mart #213  
Latitude: 43.70035  
Longitude: -86.36390  
Date of Collection: 04/17/2001  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Accuracy: 10  
Accuracy Value Unit: METERS  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0004-00  
Release Date: 12/21/1999  
Substance Released: Unknown  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-2182-91  
Release Date: 10/21/1991  
Substance Released: Unknown  
Release Status: Open  
Release Closed Date: Not reported

**INVENTORY:**

Name: HART EZ MART  
Address: 223 S STATE ST  
City,State,Zip: HART, MI 49420  
Township: Not reported  
District: Grand Rapids  
Data Source: Risks Present and Require Action in Long-term  
Lust Name: Hodges Standard  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Knoerr, Paul  
Latitude: 43.70036597  
Longitude: -86.36389652

**F38**  
**SSE**  
**1/8-1/4**  
**0.143 mi.**  
**756 ft.**

**BLARNEY CASTLE OIL CO**  
**223 S STATE ST**  
**HART, MI 49420**

**RCRA-VSQG** **1018157790**  
**FINDS** **MIK882613494**  
**ECHO**

**Site 3 of 3 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**675 ft.**

RCRA Listings:  
Date Form Received by Agency: 20151104  
Handler Name: BLARNEY CASTLE OIL CO  
Handler Address: 223 S STATE ST  
Handler City,State,Zip: HART, MI 49420  
EPA ID: MIK882613494

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLARNEY CASTLE OIL CO (Continued)**

**1018157790**

Contact Name:	ERIK A JOHNSON
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	231-864-3111 106
Contact Fax:	231-864-2303
Contact Email:	EJOHNSON@BLARNEYCASTLEOIL.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	223 S STATE ST
Mailing City,State,Zip:	HART, MI 49420
Owner Name:	BLARNEY CASTLE OIL CO
Owner Type:	Private
Operator Name:	BLARNEY CASTLE OIL CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLARNEY CASTLE OIL CO (Continued)**

**1018157790**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151110
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BLARNEY CASTLE OIL CO
Legal Status:	Private
Date Became Current:	19960130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BLARNEY CASTLE OIL CO
Legal Status:	Private
Date Became Current:	19960130
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20151104
Handler Name:	BLARNEY CASTLE OIL CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BLARNEY CASTLE OIL CO (Continued)**

**1018157790**

Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 447110  
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110067044200

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1018157790  
Registry ID: 110067044200  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067044200>  
Name: BLARNEY CASTLE OIL CO  
Address: 223 S STATE ST  
City,State,Zip: HART, MI 49420

**G39**  
**East**  
**1/8-1/4**  
**0.146 mi.**  
**769 ft.**

**227 EAST MAIN STREET, HART, MI 49420**  
**227 EAST MAIN STREET**  
**HART, MI 49420**  
**Site 1 of 2 in cluster G**

**INVENTORY** **S125715520**  
**BEA** **N/A**

**Relative:**  
**Lower**

**INVENTORY:**  
Name: 227 EAST MAIN STREET, HART, MI 49420  
Address: 227 EAST MAIN STREET  
City,State,Zip: HART, MI 49420  
Township: Not reported  
District: Grand Rapids  
Data Source: Risks Not Determined

**Actual:**  
**649 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**227 EAST MAIN STREET, HART, MI 49420 (Continued)**

**S125715520**

Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Pawloski, John  
Latitude: 43.70243681  
Longitude: -86.36198892

**BEA:**

Name: 227 EAST MAIN STREET, HART, MI 49420  
Address: 227 EAST MAIN STREET  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 12/02/2019  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 64000124  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: 64000124-BEA-1  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2019-12-09 10:11:11  
Date Completed: 11/7/2019  
Township: Not reported  
Work Unit: Grand Rapids  
Comments: Not reported  
Organization: City of Hart  
Contact: Ladner, E. Lynne  
Contact Type: Prospective Owner/Operator

**G40**  
**East**  
**1/8-1/4**  
**0.174 mi.**  
**917 ft.**

**GREINERS GARAGE**  
**311 E MAIN ST**  
**HART, MI 49420**  
**Site 2 of 2 in cluster G**

**UST U003328417**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**649 ft.**

**UST:**  
Name: GREINERS GARAGE  
Address: 311 E MAIN ST  
City,State,Zip: HART 49420-1264  
Facility Type: CLOSED  
Facility ID: 00012024  
Owner Name: BOONSTRA OIL CO INC  
Owner Address: 52 S JEBAVY  
Owner City: LUDINGTON  
Owner State: MI  
Owner Zip: 49431  
Owner Contact: Not reported  
Owner Phone: 8434090  
Contact: Not reported  
Contact Phone: () -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREINERS GARAGE (Continued)**

**U003328417**

Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1974  
Remove Date: 01/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70257  
Longitude: -86.36226

Name: GREINERS GARAGE  
Address: 311 E MAIN ST  
City,State,Zip: HART 49420-1264  
Facility Type: CLOSED  
Facility ID: 00012024  
Owner Name: BOONSTRA OIL CO INC  
Owner Address: 52 S JEBAVY  
Owner City: LUDINGTON  
Owner State: MI  
Owner Zip: 49431  
Owner Contact: Not reported  
Owner Phone: 8434090  
Contact: Not reported  
Contact Phone: ( ) -  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1974  
Remove Date: 01/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREINERS GARAGE (Continued)**

**U003328417**

Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70257  
Longitude: -86.36226

Name: GREINERS GARAGE  
Address: 311 E MAIN ST  
City,State,Zip: HART 49420-1264  
Facility Type: CLOSED  
Facility ID: 00012024  
Owner Name: BOONSTRA OIL CO INC  
Owner Address: 52 S JEBAVY  
Owner City: LUDINGTON  
Owner State: MI  
Owner Zip: 49431  
Owner Contact: Not reported  
Owner Phone: 8434090  
Contact: Not reported  
Contact Phone: ( ) -  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 2000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1976  
Remove Date: 01/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.70257  
Longitude: -86.36226



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**41**  
**SE**  
**1/4-1/2**  
**0.252 mi.**  
**1328 ft.**

**HART PUBLIC SCHOOLS**  
**300 JOHNSON ST**  
**HART, MI 49420**

**LUST** **1000526750**  
**UST** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**683 ft.**

**LUST:**  
 Name: HART PUBLIC SCHOOLS  
 Address: 300 JOHNSON ST  
 City,State,Zip: HART, MI 49420-  
 Facility ID: 00035597  
 Source: STATE OF MICHIGAN  
 Owner Name: HartPublic Schools  
 Owner Address: Not reported  
 Owner City,St,Zip: UNKNOWN, MI  
 Owner Contact: Not reported  
 Owner Phone: Not reported  
 Country: USA  
 District: Grand Rapids  
 Site Name: Hart Public Schools  
 Latitude: 43.69914  
 Longitude: -86.36220  
 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)  
 Regulatory Program: Not reported  
 Risk Condition: Not reported  
 Project Manager: Not reported  
 Senate District: Not reported  
 House District: Not reported  
 US Congressional District: Not reported

Leak Number: C-2228-91  
 Release Date: 10/23/1991  
 Substance Released: Unknown  
 Release Status: Closed  
 Release Closed Date: 02/27/1997

**UST:**  
 Name: HART PUBLIC SCHOOLS  
 Address: 300 JOHNSON ST  
 City,State,Zip: HART 49420-1059  
 Facility Type: CLOSED  
 Facility ID: 00035597  
 Owner Name: HART PUBLIC SCHOOLS  
 Owner Address: 2266 E POLK RD  
 Owner City: HART  
 Owner State: MI  
 Owner Zip: 49420-8514  
 Owner Contact: Not reported  
 Owner Phone: 6168734080  
 Contact: JAMES JOHNSON  
 Contact Phone: (616) 873-5691  
 Date of Collection: 01/11/2001  
 Accuracy: 100  
 Horizontal Datum: NAD83

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART PUBLIC SCHOOLS (Continued)**

**1000526750**

Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: Not reported  
Remove Date: 10/23/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69914  
Longitude: -86.36220

Name: HART PUBLIC SCHOOLS  
Address: 300 JOHNSON ST  
City,State,Zip: HART 49420-1059  
Facility Type: CLOSED  
Facility ID: 00035597  
Owner Name: HART PUBLIC SCHOOLS  
Owner Address: 2266 E POLK RD  
Owner City: HART  
Owner State: MI  
Owner Zip: 49420-8514  
Owner Contact: Not reported  
Owner Phone: 6168734080  
Contact: JAMES JOHNSON  
Contact Phone: (616) 873-5691  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 10/23/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HART PUBLIC SCHOOLS (Continued)**

**1000526750**

Piping Type: Not reported  
 Tank Construction: Not reported  
 Impressed Device: Not reported  
 Latitude: 43.69914  
 Longitude: -86.36220

Name: HART PUBLIC SCHOOLS  
 Address: 300 JOHNSON ST  
 City,State,Zip: HART 49420-1059  
 Facility Type: CLOSED  
 Facility ID: 00035597  
 Owner Name: HART PUBLIC SCHOOLS  
 Owner Address: 2266 E POLK RD  
 Owner City: HART  
 Owner State: MI  
 Owner Zip: 49420-8514  
 Owner Contact: Not reported  
 Owner Phone: 6168734080  
 Contact: JAMES JOHNSON  
 Contact Phone: (616) 873-5691  
 Date of Collection: 01/11/2001  
 Accuracy: 100  
 Horizontal Datum: NAD83  
 Accuracy Value Unit: FEET  
 Source: STATE OF MICHIGAN  
 Point Line Area: POINT  
 Desc Category: Plant Entrance (Freight)  
 Method of Collection: Address Matching-House Number  
 District: Region 3 - Grand Rapids District Office  
 Tank ID: 1  
 Capacity: 500  
 Tank Status: Removed from Ground  
 Substance: Used Oil  
 Install Date: Not reported  
 Remove Date: 10/23/1991  
 Tank Number: Not reported  
 Tank Details Compartments: Not reported  
 Tank Release Detection: Not reported  
 Pipe Release Detection: Not reported  
 Piping Material: Not reported  
 Piping Type: Not reported  
 Tank Construction: Not reported  
 Impressed Device: Not reported  
 Latitude: 43.69914  
 Longitude: -86.36220

**H42**  
**East**  
**1/4-1/2**  
**0.263 mi.**  
**1390 ft.**

**100 SOUTH UNION STREET**  
**100 SOUTH UNION STREET**  
**HART, MI 49420**  
**Site 1 of 2 in cluster H**

**BEA S105768623**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**662 ft.**

BEA:  
 Name: 100 SOUTH UNION STREET  
 Address: 100 SOUTH UNION STREET  
 City,State,Zip: HART, MI 49420  
 Secondary Address: Not reported  
 BEA Number: 1128

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**100 SOUTH UNION STREET (Continued)**

**S105768623**

District: Grand Rapids  
 Date Received: 01/15/2003  
 Submitter Name: City of Hart  
 Petition Determination: No Request  
 Petition Disclosure: 0  
 Category: N  
 Determination 20107A: No Request  
 Reviewer: obrient1  
 Division Assigned: ERD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**H43**  
**East**  
**1/4-1/2**  
**0.263 mi.**  
**1390 ft.**

**100 SOUTH UNION STREET**  
**100 SOUTH UNION STREET**  
**HART, MI 49420**  
**Site 2 of 2 in cluster H**

**INVENTORY S114021790**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**662 ft.**

**INVENTORY:**  
 Name: 100 SOUTH UNION STREET  
 Address: 100 SOUTH UNION STREET  
 City,State,Zip: HART, MI 49420  
 Township: Hart  
 District: Grand Rapids  
 Data Source: Risks Present and Require Action in Short-term  
 Lust Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Pearson, Darlene  
 Latitude: 43.701067  
 Longitude: -86.358973

**I44**  
**SSE**  
**1/4-1/2**  
**0.303 mi.**  
**1602 ft.**

**FARMERS PETROLEUM CO-OP INC**  
**504 S STATE ST**  
**HART, MI 49420**  
**Site 1 of 2 in cluster I**

**LUST U003866543**  
**UST N/A**  
**BROWNFIELDS**  
**INVENTORY**  
**BEA**

**Relative:**  
**Higher**  
**Actual:**  
**683 ft.**

**LUST:**  
 Name: FARMERS PETROLEUM CO-OP INC  
 Address: 504 S STATE ST  
 City,State,Zip: HART, MI 49420-  
 Facility ID: 00004787  
 Source: STATE OF MICHIGAN  
 Owner Name: FarmersPetro Coop Inc

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

**U003866543**

Owner Address: Not reported  
Owner City,St,Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Farmers Petroleum Cooperative Inc  
Latitude: 43.69758  
Longitude: -86.36371  
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)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: C-1320-85  
Release Date: 06/08/1988  
Substance Released: Not reported  
Release Status: Open  
Release Closed Date: Not reported

**UST:**

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART, MI 49420-1231  
Facility Type: NON-Registered Tank  
Facility ID: 00004787  
Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: NRT5  
Capacity: 500  
Tank Status: Non-Registered Tank  
Substance: Not reported  
Install Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

**U003866543**

Remove Date: Not reported  
Tank Number: UTK-081625-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART, MI 49420-1231  
Facility Type: NON-Registered Tank  
Facility ID: 00004787  
Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: NRT4  
Capacity: 1000  
Tank Status: Non-Registered Tank  
Substance: Not reported  
Install Date: Not reported  
Remove Date: Not reported  
Tank Number: UTK-081623-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART 49420-1231  
Facility Type: CLOSED  
Facility ID: 00004787

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

**U003866543**

Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: WAYNE GAY  
Contact Phone: (517) 323-7000  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 3  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1961  
Remove Date: 06/08/1988  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69758  
Longitude: -86.36371

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART 49420-1231  
Facility Type: CLOSED  
Facility ID: 00004787  
Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: WAYNE GAY  
Contact Phone: (517) 323-7000  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

**U003866543**

District: Region 3 - Grand Rapids District Office  
Tank ID: 2  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1961  
Remove Date: 06/08/1988  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69758  
Longitude: -86.36371

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART 49420-1231  
Facility Type: CLOSED  
Facility ID: 00004787  
Owner Name: FARMERS PETRO COOP INC  
Owner Address: PO BOX 30960  
Owner City: LANSING  
Owner State: MI  
Owner Zip: 48909-8460  
Owner Contact: Not reported  
Owner Phone: 5173237000  
Contact: WAYNE GAY  
Contact Phone: (517) 323-7000  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/29/1961  
Remove Date: 06/08/1988  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69758  
Longitude: -86.36371



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

**U003866543**

**BROWNFIELDS:**

Name: FARMER'S PETROLEUM  
Address: 504 S. STATE STREET  
City,State,Zip: HART, MI  
Facility ID: 00004787  
Region: 1  
Status: Not reported  
Property Use: Not reported  
BEA: Not reported  
Ernie Id Number: Not reported  
X Coordinate: Not reported  
Y Coordinate: Not reported  
Project Name: Not reported  
Date Year Funded: Not reported  
Total Brownfield Incentives: Not reported  
Approved Amount: Not reported  
Grant Award Amount: Not reported  
Loan Award Amount: Not reported  
Waterfront Award Amount: Not reported  
Brownfield Site Assessment: Not reported  
Development Type: Not reported  
Prior Use: Not reported  
Contaminants: Not reported

**INVENTORY:**

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART, MI 49420  
Township: Hart  
District: Grand Rapids  
Data Source: Risks Present and Require Action in Long-term  
Lust Name: Farmers Petroleum Cooperative Inc  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Knoerr, Paul  
Latitude: 43.69758  
Longitude: -86.363719

**BEA:**

Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 11/21/2003  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00004787  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B200301313GR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARMERS PETROLEUM CO-OP INC (Continued)**

**U003866543**

Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category A2 Facility ID #0-004787 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and further follow up is needed, awaiting resources. No additional notification appears to be necessary.  
  
Organization: Gayle Forner  
Contact: Gayle Forner  
Contact Type: Submitter Contact  
  
Name: FARMERS PETROLEUM CO-OP INC  
Address: 504 S STATE ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 06/04/2003  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00004787  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: P200301212GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Hart  
Work Unit: Grand Rapids  
Comments: Category B2 Facility ID 0-0041349 REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates further follow up is needed, awaiting resources. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: None at this time.  
  
Organization: Resurrection Properties, LLC  
Contact: Mark Anderson  
Contact Type: Submitter Contact

**I45**  
**SSE**  
**1/4-1/2**  
**0.303 mi.**  
**1602 ft.**  
**504 SOUTH STATE STREET**  
**504 SOUTH STATE STREET**  
**HART, MI 49420**  
**Site 2 of 2 in cluster I**

**BEA S106096693**  
**N/A**

**Relative:** BEA:  
**Higher** Name: 504 SOUTH STATE STREET  
**Actual:** Address: 504 SOUTH STATE STREET  
**683 ft.** City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: 1313

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**504 SOUTH STATE STREET (Continued)**

**S106096693**

District: Grand Rapids  
 Date Received: 11/21/2003  
 Submitter Name: Gayle Forner  
 Petition Determination: No Request  
 Petition Disclosure: 0  
 Category: N  
 Determination 20107A: No Request  
 Reviewer: mecherb  
 Division Assigned: STD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**46**  
 North  
 1/4-1/2  
 0.361 mi.  
 1908 ft.

**NORTH STATE STREET & HART LAKE PROPERTY LOCATED BE  
 NORTH STATE STREET & HART LAKE PROPERTY , LOCATED BETWEEN  
 , MI 48933**

**INVENTORY S127501324  
 BEA N/A**

**Relative:  
 Higher  
 Actual:  
 685 ft.**

**INVENTORY:**  
 Name: NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN  
 Address: NORTH STATE STREET & HART LAKE PROPERTY  
 City,State,Zip: MI 49420  
 Township: Hart  
 District: Grand Rapids  
 Data Source: Risks Not Determined  
 Last Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Hopkins, Heather  
 Latitude: 43.70824052  
 Longitude: -86.36432578

**BEA:**  
 Name: NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN  
 Address: NORTH STATE STREET & HART LAKE PROPERTY , LOCATED BETWEEN  
 City,State,Zip: MI 48933  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 05/19/2010  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN (Continued)**

**S127501324**

Division Assigned: Not reported  
Location ID: 41002282  
Submittal Type: BEA  
Submittal Number: B201002727GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2010-05-19 16:13:01  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Grand Rapids  
Comments: Category B1 REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. The BEA is for property that was as an orchard. Arsenic was found in one soil of around 20 samples at a depth of 0-1' with a concentration of 8100 ug/kg.

Organization: JPMorgan Chase Bank, N.A.  
Contact: Not reported  
Contact Type: Submitter Contact

Name: NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN  
Address: NORTH STATE STREET & HART LAKE PROPERTY , LOCATED BETWEEN  
City,State,Zip: MI 48933  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 03/01/1999  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 41002282  
Submittal Type: BEA  
Submittal Number: P199900517GR  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Grand Rapids  
Comments: Category B1 (Associated ID #s like ITS and Site ID go here.) REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: The BEA identified Metals, PNAs and Xylene in the soils and Xylenes, Ethylbenzene and TCE in the groundwater.

Organization: J & R Land Co., L.L.C.  
Contact: Not reported  
Contact Type: Submitter Contact

Name: NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN  
Address: NORTH STATE STREET & HART LAKE PROPERTY  
City,State,Zip: MI 48933

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN (Continued)**

**S127501324**

<p>Secondary Address:          BEA Number:          District:          Date Received:          Submitter Name:          Petition Determination:          Petition Disclosure:          Category:          Determination 20107A:          Reviewer:          Division Assigned:          Location ID:          Submittal Type:          Submittal Number:          Approval Status:          Workflow Status:          Date Submitted:          Date Completed:          Township:          Work Unit:          Comments:</p> <p>Organization:          Contact:          Contact Type:</p> <p>Name:          Address:          City,State,Zip:          Secondary Address:          BEA Number:          District:          Date Received:          Submitter Name:          Petition Determination:          Petition Disclosure:          Category:          Determination 20107A:          Reviewer:          Division Assigned:          Location ID:          Submittal Type:          Submittal Number:          Approval Status:          Workflow Status:          Date Submitted:          Date Completed:          Township:          Work Unit:          Comments:</p>	<p>Not reported          Not reported          Not reported          03/01/1999          Not reported          Not reported          Not reported          Not reported          Not reported          Not reported          Not reported          41002282          Baseline Environmental Assessment          P199900517GR          RRD Received          Submitted          2004-01-31 07:29:04          Not reported          Not reported          Grand Rapids          Category B1 (Associated ID #s like ITS and Site ID go here.) REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: The BEA identified Metals, PNAs and Xylene in the soils and Xylenes, Ethylbenzene and TCE in the groundwater.          J &amp; R Land Co., L.L.C.          Bryan Bench          Submitter Contact</p> <p>NORTH STATE STREET &amp; HART LAKE PROPERTY LOCATED BETWEEN          NORTH STATE STREET &amp; HART LAKE PROPERTY          MI 48933          Not reported          Not reported          Not reported          05/19/2010          Not reported          Not reported          Not reported          Not reported          Not reported          Not reported          Not reported          Not reported          41002282          Baseline Environmental Assessment          B201002727GR          RRD Received          Submitted          2010-05-19 16:13:01          Not reported          Not reported          Grand Rapids          Category B1 REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. The BEA</p>
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN (Continued)**

**S127501324**

is for property that was as an orchard. Arsenic was found in one soil of around 20 samples at a depth of 0-1' with a concentration of 8100 ug/kg.

Organization: JPMorgan Chase Bank NA  
Contact: Sharon Valverde  
Contact Type: Submitter Contact

**J47**  
**SSE**  
**1/4-1/2**  
**0.431 mi.**  
**2277 ft.**

**DAVES PARTY STORE**  
**408 WOOD ST**  
**HART, MI 49420**

**LUST** **S118615850**  
**BEA** **N/A**  
**Financial Assurance**

**Site 1 of 3 in cluster J**

**Relative:**  
**Higher**  
**Actual:**  
**685 ft.**

**LUST:**  
Name: DAVES PARTY STORE  
Address: 408 WOOD ST  
City,State,Zip: HART, MI 49420-  
Facility ID: 00035885  
Source: STATE OF MICHIGAN  
Owner Name: NO ACCELA OWNER FOUND  
Owner Address: UNKNOWN  
Owner City,St,Zip: UNKNOWN, MI 00000-0000  
Owner Contact: Not reported  
Owner Phone: (616) 795-3364  
Country: USA  
District: Grand Rapids  
Site Name: Daves Party Store  
Latitude: 43.69674  
Longitude: -86.36098  
Date of Collection: 10/21/2003  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0078-20  
Release Date: 04/30/2020  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-0294-17  
Release Date: 11/12/2017  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

**BEA:**  
Name: DAVES PARTY STORE  
Address: 408 WOOD ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVES PARTY STORE (Continued)**

**S118615850**

City,State,Zip:	HART, MI 49420
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	04/12/2019
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00035885
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	00035885-BEA-1
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2019-04-12 15:39:43
Date Completed:	4/9/2019
Township:	Hart
Work Unit:	Grand Rapids
Comments:	This BEA documented that residual petroleum impact from 213 Facility ID 35885. Residual LNAPL, and impacted soil and groundwater impact the petroleum operations are present at the site.
Organization:	Shelby State Bank
Contact:	Fisher II, Robert, M
Contact Type:	Prospective Owner
Name:	DAVES PARTY STORE
Address:	408 WOOD ST
City,State,Zip:	HART, MI 49420
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	04/12/2019
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00035885
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	00035885-BEA-1
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2019-04-12 15:39:43
Date Completed:	4/9/2019
Township:	Hart
Work Unit:	Grand Rapids
Comments:	This BEA documented that residual petroleum impact from 213 Facility ID 35885. Residual LNAPL, and impacted soil and groundwater impact the petroleum operations are present at the site.
Organization:	Michigan Consulting and Environmental
Contact:	Lawrence, Clyde Kelley
Contact Type:	Consultant

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVES PARTY STORE (Continued)**

**S118615850**

Name: DAVES PARTY STORE  
Address: 408 WOOD ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 04/12/2019  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00035885  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: 00035885-BEA-2  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2019-04-12 15:45:08  
Date Completed: 4/9/2019  
Township: Hart  
Work Unit: Grand Rapids  
Comments: This BEA documented that residual petroleum impact from 213 Facility ID 35885. Residual LNAPL, and impacted soil and groundwater impact the petroleum operations are present at the site.  
Organization: Michigan Consulting and Environmental  
Contact: Lawrence, Clyde Kelley  
Contact Type: Consultant

Name: DAVES PARTY STORE  
Address: 408 WOOD ST  
City,State,Zip: HART, MI 49420  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 04/12/2019  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00035885  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: 00035885-BEA-2  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2019-04-12 15:45:08  
Date Completed: 4/9/2019  
Township: Hart  
Work Unit: Grand Rapids  
Comments: This BEA documented that residual petroleum impact from 213 Facility ID 35885. Residual LNAPL, and impacted soil and groundwater impact the petroleum operations are present at the site.  
Organization: A Preet, LLC



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DAVES PARTY STORE (Continued)**

**S118615850**

Contact: Kaur, Manpreet  
 Contact Type: Prospective Owner/Operator

**FINANCIAL ASSURANCE 3:**

Name: DAVES PARTY STORE  
 Address: 408 WOOD ST  
 City,State,Zip: HART, MI 49420-1350  
 Facility ID: 00035885  
 Exempt: No  
 Expiration Date: 03/28/2023  
 Bond Rating Tests: Not reported  
 Commercial Insurance: Not reported  
 Guarantee: Not reported  
 Letter of Credit: Not reported  
 Risk Retention Group: Not reported  
 Self Insurance: Not reported  
 State Funds: CHECKED  
 Surety Bond: Not reported  
 Trust Funds: Not reported  
 Year: 2022

**J48  
 SSE  
 1/4-1/2  
 0.431 mi.  
 2277 ft.**

**DAVES PARTY STORE  
 408 WOOD ST  
 HART, MI 49420**

**INVENTORY S122251596  
 N/A**

**Site 2 of 3 in cluster J**

**Relative:  
 Higher  
 Actual:  
 685 ft.**

**INVENTORY:**  
 Name: DAVES PARTY STORE  
 Address: 408 WOOD ST  
 City,State,Zip: HART, MI 49420  
 Township: Hart  
 District: Grand Rapids  
 Data Source: Risks Present and Require Action in Long-term  
 LUST Name: Daves Party Store  
 Regulatory Program: 213  
 Release Status: Open  
 Project Manager: Knoerr, Paul  
 Latitude: 43.696747  
 Longitude: -86.360988

**J49  
 SSE  
 1/4-1/2  
 0.437 mi.  
 2307 ft.**

**STOKELY USA INC  
 409 WOOD ST  
 HART, MI 49420**

**LUST U002302861  
 UST N/A  
 NPDES  
 WDS**

**Site 3 of 3 in cluster J**

**Relative:  
 Higher  
 Actual:  
 685 ft.**

**LUST:**  
 Name: STOKELY USA INC  
 Address: 409 WOOD ST  
 City,State,Zip: HART, MI 49420-  
 Facility ID: 00004355  
 Source: STATE OF MICHIGAN  
 Owner Name: StokelyUSA Inc  
 Owner Address: Not reported  
 Owner City,St,Zip: UNKNOWN, MI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOKELY USA INC (Continued)**

**U002302861**

Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids  
Site Name: Stokely Usa  
Latitude: 43.69625  
Longitude: -86.36108  
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)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0612-90  
Release Date: 02/14/1990  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 02/16/1993

**UST:**

Name: STOKELY USA INC  
Address: 409 WOOD ST  
City,State,Zip: HART, MI 49420-1351  
Facility Type: Currently In Use  
Facility ID: 00004355  
Owner Name: STOKELY USA INC  
Owner Address: 1055 CORPORATE CENTER DR  
Owner City: OCONOMOWOC  
Owner State: WI  
Owner Zip: 53066-4829  
Owner Contact: Not reported  
Owner Phone: 4145671731  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 3  
Capacity: 10000  
Tank Status: Currently In Use  
Substance: Other(#6 FUEL OIL)  
Install Date: 1961-03-04 00:00:00  
Remove Date: Not reported  
Tank Number: UTK-060928-15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOKELY USA INC (Continued)**

**U002302861**

Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	STOKELY USA INC
Address:	409 WOOD ST
City,State,Zip:	HART 49420-1351
Facility Type:	CLOSED
Facility ID:	00004355
Owner Name:	STOKELY USA INC
Owner Address:	1055 CORPORATE CENTER DR
Owner City:	OCONOMOWOC
Owner State:	WI
Owner Zip:	53066-4829
Owner Contact:	Not reported
Owner Phone:	4145671731
Contact:	ROGER F. WARMUSKERKEN
Contact Phone:	(616) 873-2136
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 3 - Grand Rapids District Office
Tank ID:	2
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	03/04/1981
Remove Date:	04/01/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.69625
Longitude:	-86.36108
Name:	STOKELY USA INC
Address:	409 WOOD ST
City,State,Zip:	HART 49420-1351
Facility Type:	CLOSED
Facility ID:	00004355
Owner Name:	STOKELY USA INC
Owner Address:	1055 CORPORATE CENTER DR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOKELY USA INC (Continued)**

**U002302861**

Owner City: OCONOMOWOC  
Owner State: WI  
Owner Zip: 53066-4829  
Owner Contact: Not reported  
Owner Phone: 4145671731  
Contact: ROGER F. WARMUSKERKEN  
Contact Phone: (616) 873-2136  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 3 - Grand Rapids District Office  
Tank ID: 1  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 03/04/1966  
Remove Date: 04/01/1990  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 43.69625  
Longitude: -86.36108

**MI NPDES:**

Name: INDIAN SUMMER CO-OP-HART  
Address: 409 WOOD STREET  
City,State,Zip: HART, MI 49420  
Permit Number: MI0001309  
Permittee PO Box: N  
Permittee Email: Not reported  
Issue Date: 09/30/2014  
Effective Date: 11/01/2014  
Expiration Date: 10/01/2016  
Permittee Name: Indian Summer Co-operative, Inc.  
Permittee Address: 3958 West Chauvez Road  
Permittee Addr2: Not reported  
Permittee City,St,Zip: Ludington, MI 49431  
Permit Type: NPDES Individual Permit  
Facility Name 2: Not reported  
Facility Name 3: Not reported  
Facility Name 4: Not reported  
Designed Name: Indian Summer Co-op-Hart  
Latitude: 43.696388  
Lat Direction: N  
Lat Type Code: LAT  
Longitude: -86.361111  
Lon Direction: W

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOKELY USA INC (Continued)**

**U002302861**

Lon Type Code: LON  
Hydrologic Unit Code: 4050007  
Permit Status: Extended  
COC Permit Category: Industrial/Commercial  
DEQ District Email: Grand Rapids  
DEQ Permit Compliance Manager: Laura Mathews  
DEQ Permit Compliance Manager Email: mathewsl2@michigan.gov

**WDS:**

Name: STOKLEY USA  
Address: 409 WOOD ST  
City,State,Zip: HART, MI 49420  
Site Id: MIG000024469  
WMD Id: 451009  
Site Specific Name: STOKLEY USA  
Mailing Address: PO BOX 150  
Mailing City/State/Zip: 49420  
Mailing County: OCEANA

**50**  
**ESE**  
**1/4-1/2**  
**0.489 mi.**  
**2581 ft.**

**GRISWOLD STREET AT JOHNSON STREET, HART, MI 49420**  
**GRISWOLD STREET AT JOHNSON STREET**  
**HART, MI 49420**

**INVENTORY S123643094**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**668 ft.**

**INVENTORY:**

Name: GRISWOLD STREET AT JOHNSON STREET, HART, MI 49420  
Address: GRISWOLD STREET AT JOHNSON STREET  
City,State,Zip: HART, MI 49420  
Township: Not reported  
District: Grand Rapids  
Data Source: Risks Not Determined  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Pawloski, John  
Latitude: 43.69881777  
Longitude: -86.35639016

**51**  
**SSW**  
**1/2-1**  
**0.821 mi.**  
**4336 ft.**

**HART PRISONER-OF-WAR CAMP**  
**HART, MI**

**FUDS 1024900300**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**713 ft.**

**FUDS:**

EPA Region: 05  
Installation ID: MI59799F684200  
Congressional District Number: 2  
Name: HART PRISONER-OF-WAR CAMP  
FUDS Number: E05MI0027  
City: HART  
State: MI  
County: OCEANA  
Object ID: 6835  
USACE Division: lrd

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HART PRISONER-OF-WAR CAMP (Continued)**

**1024900300**

USACE District: Irl  
Status: Properties without projects  
Current Owner: Not reported  
EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=56595>  
Eligibility: Ineligible  
Has Projects: No  
NPL Status: Not on the NPL  
Property History: Not reported  
  
Project Required: No  
Feature Description: Not reported  
Latitude: 43.69027778  
Longitude: -86.36916667

**52**  
**South**  
**1/2-1**  
**0.921 mi.**  
**4862 ft.**

**OCEANA CO RD COMM HART**  
**3501 WEST POLK ROAD**  
**HART, MI 49420**

**PART 201** **S105965691**  
**INVENTORY** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**707 ft.**

**PART 201:**  
Facility ID: 64000005  
**Facility Status: Interim Response conducted**  
Source: Road Commission  
SAM Score: 22  
SAM Score Date: 11/09/2005  
Township: 15N  
Range: 17W  
Section: 20  
Quarter: NE  
Quarter/Quarter: NW  
Pollutants: Benzene; Cl; Ethylbenzene; Toluene; Xylenes

**INVENTORY:**

Name: OCEANA CO RD COMM HART  
Address: 3501 WEST POLK ROAD  
City,State,Zip: HART, MI 49420  
Township: Hart  
District: Grand Rapids  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Pearson, Darlene  
Latitude: 43.688179  
Longitude: -86.364657

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HART	S123825988		ST WASHINGTON ST.	49420	CDL

# 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

### *Lists of Federal NPL (Superfund) sites*

#### 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: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2023
	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: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Lists of Federal Delisted NPL sites***

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: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: EPA  
Telephone: N/A  
Last EDR Contact: 10/05/2022  
Next Scheduled EDR Contact: 01/09/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021  
Date Data Arrived at EDR: 06/24/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 09/06/2022  
Next Scheduled EDR Contact: 01/10/2023  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/05/2022  
Next Scheduled EDR Contact: 01/23/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 800-424-9346
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022	Source: EPA
Date Data Arrived at EDR: 06/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 312-886-6186
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 312-886-6186
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 312-886-6186
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 312-886-6186
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2022	Telephone: 843-820-7326
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/03/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/14/2022	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/15/2022	Telephone: 202-267-2180
Date Made Active in Reports: 06/21/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

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

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

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 10/31/2013	Telephone: 517-284-5103
Date Made Active in Reports: 11/20/2013	Last EDR Contact: 07/12/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: No Update Planned

## ***Lists of state and tribal landfills and solid waste disposal facilities***

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: 06/21/2022	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 06/21/2022	Telephone: 517-335-4035
Date Made Active in Reports: 09/09/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Semi-Annually

## ***Lists of state and tribal leaking storage tanks***

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 05/11/2022	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 05/18/2022	Telephone: 517-373-9837
Date Made Active in Reports: 08/04/2022	Last EDR Contact: 08/03/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-6597
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/28/2021  
Date Data Arrived at EDR: 06/11/2021  
Date Made Active in Reports: 09/07/2021  
Number of Days to Update: 88

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 04/14/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 06/02/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/31/2022  
Number of Days to Update: 79

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

**INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land**  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 04/20/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

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

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

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

Date of Government Version: 04/20/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

***Lists of state and tribal registered storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 09/27/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

## UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 01/28/2022	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 02/01/2022	Telephone: 517-373-1820
Date Made Active in Reports: 04/25/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Varies

## UST: Underground Storage Tank Facility List

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

Date of Government Version: 04/30/2022	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 05/12/2022	Telephone: 517-373-1820
Date Made Active in Reports: 08/02/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Annually

## AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/22/2022	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 05/17/2022	Telephone: 517-373-1820
Date Made Active in Reports: 05/31/2022	Last EDR Contact: 08/03/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: No Update Planned

## 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: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## 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: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal institutional control / engineering control registries***

### **AUL: Engineering and Institutional Controls**

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

Date of Government Version: 05/25/2022	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 05/26/2022	Telephone: 517-373-4828
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 08/16/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Quarterly

## ***Lists of 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: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### **INDIAN VCP R1: Voluntary Cleanup Priority Listing**

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/13/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

## ***Lists of state and tribal brownfield 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: 12/07/2021	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 04/26/2022	Telephone: 517-373-4805
Date Made Active in Reports: 07/19/2022	Last EDR Contact: 07/21/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/31/2022
	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: 04/18/2022	Source: Economic Development Corporation
Date Data Arrived at EDR: 04/22/2022	Telephone: 888-522-0103
Date Made Active in Reports: 07/13/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### **US BROWNFIELDS: A Listing of Brownfields Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 0

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/09/2022  
Next Scheduled EDR Contact: 12/26/2022  
Data Release Frequency: Semi-Annually

## **Local Lists of Landfill / Solid Waste Disposal Sites**

### **HIST LF: Inactive Solid Waste Facilities**

The database contains historical information and is no longer updated.

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

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-4034  
Last EDR Contact: 02/28/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SWRCY: Recycling Facilities**

A listing of recycling center locations.

Date of Government Version: 03/18/2022  
Date Data Arrived at EDR: 03/21/2022  
Date Made Active in Reports: 06/16/2022  
Number of Days to Update: 87

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-241-5719  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 01/02/2023  
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: No Update Planned

### **ODI: Open Dump Inventory**

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

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

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

### **IHS OPEN DUMPS: Open Dumps on Indian Land**

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Hazardous waste / Contaminated Sites**

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/30/2022  
Date Data Arrived at EDR: 05/24/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 66

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/18/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: No Update Planned

### **PART 201: Part 201 Site List**

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

Date of Government Version: 10/01/2013  
Date Data Arrived at EDR: 10/03/2014  
Date Made Active in Reports: 10/03/2014  
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-284-5103  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: No Update Planned

### **INVENTORY: Inventory of Facilities**

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

Date of Government Version: 07/18/2022  
Date Data Arrived at EDR: 07/18/2022  
Date Made Active in Reports: 07/19/2022  
Number of Days to Update: 1

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-284-5136  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Quarterly

### **CDL: Clandestine Drug Lab Listing**

A listing of clandestine drug lab locations.

Date of Government Version: 04/25/2022  
Date Data Arrived at EDR: 05/05/2022  
Date Made Active in Reports: 05/24/2022  
Number of Days to Update: 19

Source: Department of Community Health  
Telephone: 517-373-3740  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEL PART 201: Delisted List of Contaminated Sites

A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion.

A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

Date of Government Version: 08/01/2013	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 08/01/2013	Telephone: 517-373-9541
Date Made Active in Reports: 09/11/2013	Last EDR Contact: 07/22/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## US CDL: Clandestine Drug Labs

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

Date of Government Version: 04/30/2022	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/24/2022	Telephone: 202-307-1000
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/18/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Quarterly

## PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 05/09/2022	Source: Department of Environment, Great Lakes & Energy
Date Data Arrived at EDR: 05/12/2022	Telephone: 517-284-9278
Date Made Active in Reports: 08/02/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

## Local Land Records

### LIENS: Lien List

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

Date of Government Version: 07/11/2022	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/11/2022	Telephone: 517-241-7603
Date Made Active in Reports: 09/22/2022	Last EDR Contact: 07/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/05/2022  
Next Scheduled EDR Contact: 01/09/2023  
Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/19/2022  
Date Data Arrived at EDR: 09/19/2022  
Date Made Active in Reports: 09/30/2022  
Number of Days to Update: 11

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 09/19/2022  
Next Scheduled EDR Contact: 01/02/2023  
Data Release Frequency: Quarterly

### PEAS: Pollution Emergency Alerting System

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

Date of Government Version: 07/18/2022  
Date Data Arrived at EDR: 07/18/2022  
Date Made Active in Reports: 10/03/2022  
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-373-8427  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Quarterly

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 06/20/2022  
Date Data Arrived at EDR: 06/21/2022  
Date Made Active in Reports: 06/28/2022  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 09/19/2022  
Next Scheduled EDR Contact: 01/02/2023  
Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/11/2022  
Date Data Arrived at EDR: 08/11/2022  
Date Made Active in Reports: 09/30/2022  
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 08/11/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 06/07/2021  
Date Data Arrived at EDR: 07/13/2021  
Date Made Active in Reports: 03/09/2022  
Number of Days to Update: 239

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/03/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/03/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 202-566-1917
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/29/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/04/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/12/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/26/2022
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 08/11/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

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

Date of Government Version: 07/18/2022	Source: EPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 703-416-0223
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Annually

## RMP: Risk Management Plans

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 07/14/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

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

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

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 202-564-6023
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

**MLTS: Material Licensing Tracking System**

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

Date of Government Version: 06/10/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/14/2022	Telephone: 301-415-7169
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Quarterly

**COAL ASH DOE: Steam-Electric Plant Operation Data**

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

**COAL ASH EPA: Coal Combustion Residues Surface Impoundments List**

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/25/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

**PCB TRANSFORMER: PCB Transformer Registration Database**

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

**RADINFO: Radiation Information Database**

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 09/21/2022  
Next Scheduled EDR Contact: 01/10/2023  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2022  
Date Data Arrived at EDR: 07/21/2022  
Date Made Active in Reports: 09/30/2022  
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/27/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 03/02/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 23

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 09/19/2022  
Next Scheduled EDR Contact: 01/02/2023  
Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 10/06/2022
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 07/26/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 08/24/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/02/2022	Telephone: 703-603-8787
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 10/05/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 09/30/2022  
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 10/04/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

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

Date of Government Version: 08/03/2022  
Date Data Arrived at EDR: 08/17/2022  
Date Made Active in Reports: 08/31/2022  
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/14/2022  
Date Data Arrived at EDR: 06/15/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 68

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 12/19/2022  
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: 05/13/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 13

Source: EPA  
Telephone: (312) 353-2000  
Last EDR Contact: 08/25/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/21/2021  
Date Made Active in Reports: 08/11/2021  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 08/22/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022  
Date Data Arrived at EDR: 07/01/2022  
Date Made Active in Reports: 09/30/2022  
Number of Days to Update: 91

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 09/30/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 01/11/2022  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 34

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 10/05/2022  
Next Scheduled EDR Contact: 01/23/2023  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/11/2022  
Date Data Arrived at EDR: 08/11/2022  
Date Made Active in Reports: 09/30/2022  
Number of Days to Update: 50

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 08/11/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Quarterly

## AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2022  
Date Data Arrived at EDR: 06/15/2022  
Date Made Active in Reports: 09/02/2022  
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-373-7074  
Last EDR Contact: 09/08/2022  
Next Scheduled EDR Contact: 12/26/2022  
Data Release Frequency: Annually

## ASBESTOS: Asbestos Notification Listing Asbestos

Date of Government Version: 05/31/2022  
Date Data Arrived at EDR: 06/08/2022  
Date Made Active in Reports: 07/06/2022  
Number of Days to Update: 28

Source: Department of Licensing & Regulatory Affairs  
Telephone: 517-284-7699  
Last EDR Contact: 10/03/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Quarterly

## BEA: Baseline Environmental Assessment Database

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

Date of Government Version: 05/16/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 08/04/2022  
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-373-9541  
Last EDR Contact: 08/03/2022  
Next Scheduled EDR Contact: 11/21/2022  
Data Release Frequency: No Update Planned

## COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/01/2021  
Date Data Arrived at EDR: 04/06/2021  
Date Made Active in Reports: 06/24/2021  
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 586-753-3754  
Last EDR Contact: 09/21/2022  
Next Scheduled EDR Contact: 01/10/2023  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 07/11/2022  
Date Data Arrived at EDR: 07/14/2022  
Date Made Active in Reports: 09/22/2022  
Number of Days to Update: 70

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-4586  
Last EDR Contact: 07/14/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Quarterly

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 06/27/2022  
Date Data Arrived at EDR: 06/28/2022  
Date Made Active in Reports: 09/12/2022  
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-6610  
Last EDR Contact: 09/22/2022  
Next Scheduled EDR Contact: 01/09/2023  
Data Release Frequency: Semi-Annually

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/17/2022  
Date Data Arrived at EDR: 06/22/2022  
Date Made Active in Reports: 06/28/2022  
Number of Days to Update: 6

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-4034  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 01/02/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 06/23/2022  
Date Data Arrived at EDR: 06/30/2022  
Date Made Active in Reports: 09/15/2022  
Number of Days to Update: 77

Source: Department of Licensing & Regulatory Affairs  
Telephone: 517-335-7279  
Last EDR Contact: 09/22/2022  
Next Scheduled EDR Contact: 01/09/2023  
Data Release Frequency: Varies

## LEAD CERT: Lead Safe Housing Registry

A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020  
Date Data Arrived at EDR: 03/25/2020  
Date Made Active in Reports: 06/15/2020  
Number of Days to Update: 82

Source: Department of Community Health  
Telephone: 517-335-9699  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

## NPDES: List of Active NPDES Permits

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

Date of Government Version: 11/18/2021  
Date Data Arrived at EDR: 12/21/2021  
Date Made Active in Reports: 03/14/2022  
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-241-1300  
Last EDR Contact: 09/27/2022  
Next Scheduled EDR Contact: 01/10/2023  
Data Release Frequency: Varies

## UIC: Underground Injection Wells Database

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

Date of Government Version: 07/19/2022  
Date Data Arrived at EDR: 07/20/2022  
Date Made Active in Reports: 10/04/2022  
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-241-1515  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Quarterly

## WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 11/23/2021  
Date Data Arrived at EDR: 11/29/2021  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-284-6562  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 09/28/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 09/28/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Semi-Annually

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/28/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Semi-Annually

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A  
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: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## 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: 05/08/2022  
Date Data Arrived at EDR: 05/09/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 80

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 08/08/2022  
Next Scheduled EDR Contact: 11/21/2022  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/03/2022  
Next Scheduled EDR Contact: 01/16/2023  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 10/29/2021  
Date Made Active in Reports: 01/19/2022  
Number of Days to Update: 82

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/05/2022  
Next Scheduled EDR Contact: 01/23/2023  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/10/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 08/29/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

3 E MAIN ST  
3 E MAIN ST  
HART, MI 49420

### TARGET PROPERTY COORDINATES

Latitude (North):	43.702508 - 43° 42' 9.03"
Longitude (West):	86.365559 - 86° 21' 56.01"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	551120.8
UTM Y (Meters):	4838811.5
Elevation:	655 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	14451206 HART, MI
Version Date:	2019
West Map:	14451216 MEARS, MI
Version Date:	2019

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).

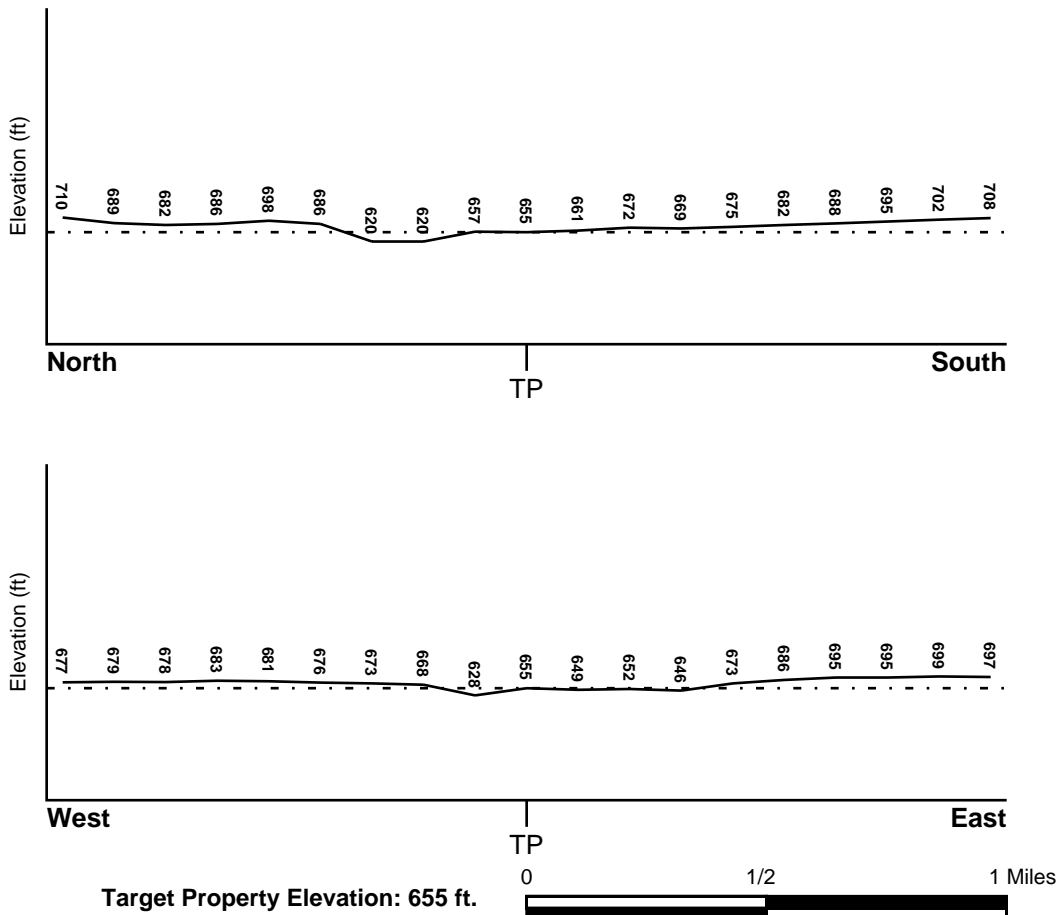
## TOPOGRAPHIC INFORMATION

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 NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
26127C0175C	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
26127C0150C	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
HART	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

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

## **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**

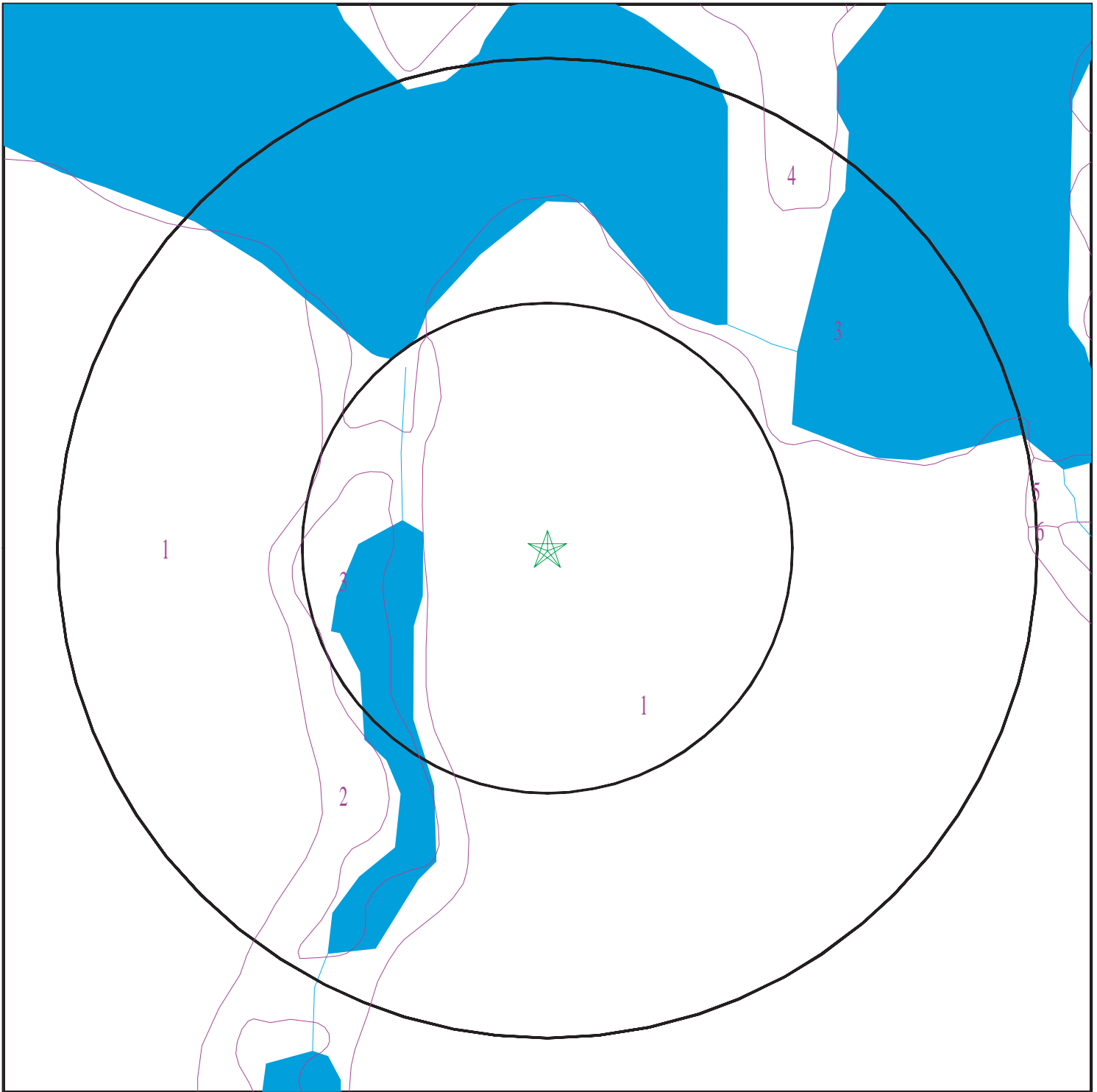
Era: Paleozoic  
System: Mississippian  
Series: Osagean and Kinderhookian Series  
Code: M1 (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

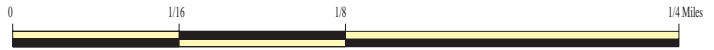
Category: Stratified Sequence

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 - 7142167.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 3 E Main St  
ADDRESS: 3 E Main St  
Hart MI 49420  
LAT/LONG: 43.702508 / 86.365559

CLIENT: Fishbeck,Thompson,Carr & Huber  
CONTACT: Ariane Savoy  
INQUIRY #: 7142167.2s  
DATE: October 10, 2022 9:22 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: Benona

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	7 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
2	7 inches	46 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
3	46 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: Grattan

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	3 inches	31 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:  
Hydric Status: Unknown

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: 4

Soil Component Name: Spinks

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	9 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

## 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		
2	9 inches	24 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	24 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

### Soil Map ID: 5

Soil Component Name: Grattan

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

## 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		
2	3 inches	31 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

**Soil Map ID: 6**

Soil Component Name: Perrinton

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	9 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	18 inches	35 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
4	35 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

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

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	MI0003060	1/4 - 1/2 Mile SSE

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

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MI500000700657	0 - 1/8 Mile ENE
A2	MI500000700605	1/4 - 1/2 Mile NNE
4	MI500000700604	1/4 - 1/2 Mile North
A5	MI500000700607	1/4 - 1/2 Mile NNE
B6	MI500000700610	1/4 - 1/2 Mile NNW
B7	MI500000700609	1/4 - 1/2 Mile NNW
C8	MI500000704972	1/4 - 1/2 Mile NNE
C9	MI500000700601	1/4 - 1/2 Mile NNE
D10	MI500000704212	1/4 - 1/2 Mile NNE
D11	MI500000702721	1/4 - 1/2 Mile NNE
D12	MI500000700596	1/4 - 1/2 Mile NNE
C13	MI500000705123	1/4 - 1/2 Mile NNE
E14	MI500000700598	1/2 - 1 Mile NE
F15	MI500000701747	1/2 - 1 Mile NNW
F16	MI500000701785	1/2 - 1 Mile NNW
G17	MI500000703928	1/2 - 1 Mile NNE
18	MI500000706526	1/2 - 1 Mile ESE
G19	MI500000702524	1/2 - 1 Mile NNE
20	MI500000705944	1/2 - 1 Mile North
E21	MI500000701783	1/2 - 1 Mile NE
E22	MI500000702312	1/2 - 1 Mile NNE
H23	MI500000700606	1/2 - 1 Mile NNE
G24	MI500000706356	1/2 - 1 Mile NNE
I25	MI500000700650	1/2 - 1 Mile SW
I26	MI500000700661	1/2 - 1 Mile SW
H27	MI500000705428	1/2 - 1 Mile NNE
H28	MI500000702247	1/2 - 1 Mile NNE
H29	MI500000700608	1/2 - 1 Mile NNE
H30	MI500000702246	1/2 - 1 Mile NNE
I31	MI500000700651	1/2 - 1 Mile SW
I32	MI500000702859	1/2 - 1 Mile SW
I33	MI500000700648	1/2 - 1 Mile SW
J34	MI500000704414	1/2 - 1 Mile WSW
K35	MI500000700668	1/2 - 1 Mile WSW
L36	MI500000704737	1/2 - 1 Mile NNE
M37	MI500000700660	1/2 - 1 Mile SW

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
38	MI5000000703105	1/2 - 1 Mile NNW
K39	MI5000000706093	1/2 - 1 Mile West
H40	MI5000000702769	1/2 - 1 Mile NNE
N41	MI5000000703124	1/2 - 1 Mile WNW
J42	MI5000000702050	1/2 - 1 Mile WSW
O43	MI5000000702497	1/2 - 1 Mile NE
44	MI5000000700593	1/2 - 1 Mile West
45	MI5000000704322	1/2 - 1 Mile North
M46	MI5000000700645	1/2 - 1 Mile SW
L47	MI5000000700603	1/2 - 1 Mile NNE
M48	MI5000000700646	1/2 - 1 Mile SSW
P49	MI5000000705150	1/2 - 1 Mile SW
P50	MI5000000700649	1/2 - 1 Mile SW
51	MI5000000700595	1/2 - 1 Mile NNE
Q52	MI5000000703347	1/2 - 1 Mile WSW
P53	MI5000000700647	1/2 - 1 Mile SW
R54	MI5000000704084	1/2 - 1 Mile NNW
N55	MI5000000703800	1/2 - 1 Mile WNW
56	MI5000000704942	1/2 - 1 Mile ENE
M57	MI5000000700665	1/2 - 1 Mile SW
O58	MI5000000706244	1/2 - 1 Mile NE
P59	MI5000000700656	1/2 - 1 Mile SW
O60	MI5000000700615	1/2 - 1 Mile NE
P61	MI5000000700658	1/2 - 1 Mile SW
S62	MI5000000700659	1/2 - 1 Mile SW
Q63	MI5000000703076	1/2 - 1 Mile WSW
64	MI5000000704726	1/2 - 1 Mile NE
P65	MI5000000700653	1/2 - 1 Mile SW
P66	MI5000000700655	1/2 - 1 Mile SW
S67	MI5000000704697	1/2 - 1 Mile SW
S68	MI5000000700652	1/2 - 1 Mile SW
S69	MI5000000700664	1/2 - 1 Mile SW
70	MI5000000703891	1/2 - 1 Mile WNW
S71	MI5000000701790	1/2 - 1 Mile SW
T72	MI5000000700654	1/2 - 1 Mile SW
S73	MI5000000700662	1/2 - 1 Mile SW
T74	MI5000000706453	1/2 - 1 Mile SW
S75	MI5000000704169	1/2 - 1 Mile SW
R76	MI5000000701784	1/2 - 1 Mile NNW
U77	MI5000000702913	1/2 - 1 Mile West
78	MI5000000706076	1/2 - 1 Mile NW
U79	MI5000000706397	1/2 - 1 Mile West
V80	MI5000000704853	1/2 - 1 Mile NNW
W81	MI5000000700599	1/2 - 1 Mile NNE
X82	MI5000000700663	1/2 - 1 Mile SW
X83	MI5000000703953	1/2 - 1 Mile SW
84	MI5000000703927	1/2 - 1 Mile SW
W85	MI5000000700600	1/2 - 1 Mile NNE
V86	MI5000000706577	1/2 - 1 Mile NNW
Y87	MI5000000704919	1/2 - 1 Mile NW
Z88	MI5000000700672	1/2 - 1 Mile SW
89	MI5000000703856	1/2 - 1 Mile WSW



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

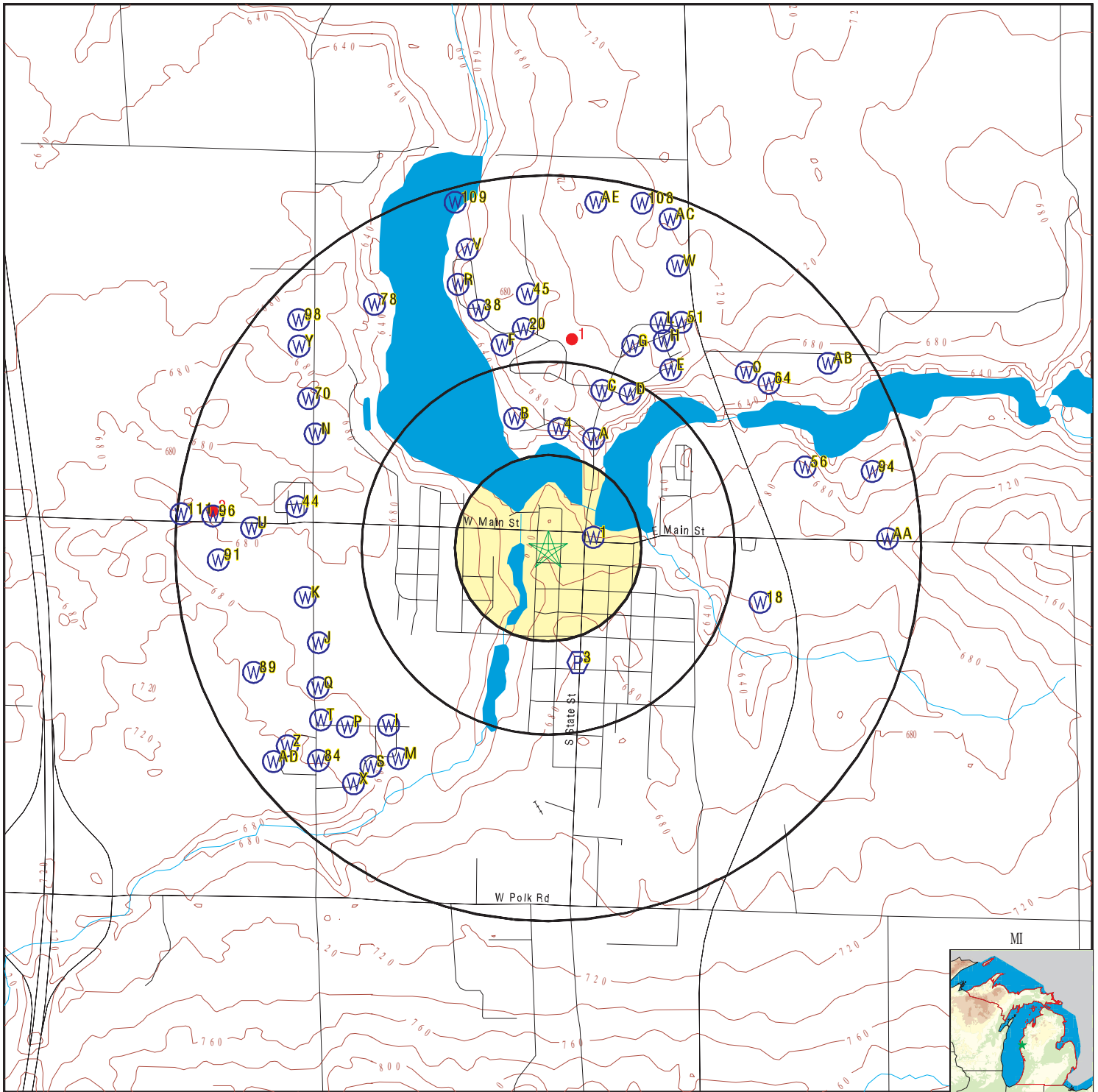
MAP ID	WELL ID	LOCATION FROM TP
Y90	MI5000000703621	1/2 - 1 Mile NW
91	MI5000000706092	1/2 - 1 Mile West
AA92	MI5000000700612	1/2 - 1 Mile East
AB93	MI5000000700616	1/2 - 1 Mile ENE
94	MI5000000705917	1/2 - 1 Mile ENE
Z95	MI5000000706085	1/2 - 1 Mile SW
96	MI5000000700594	1/2 - 1 Mile West
AA97	MI5000000704851	1/2 - 1 Mile East
98	MI5000000706147	1/2 - 1 Mile NW
AB99	MI5000000702338	1/2 - 1 Mile NE
AC100	MI5000000700597	1/2 - 1 Mile NNE
AD101	MI5000000704494	1/2 - 1 Mile SW
AD102	MI5000000706396	1/2 - 1 Mile SW
AE103	MI5000000704114	1/2 - 1 Mile North
AE104	MI5000000704112	1/2 - 1 Mile North
AD105	MI5000000702727	1/2 - 1 Mile SW
AD106	MI5000000703794	1/2 - 1 Mile SW
AA107	MI5000000705144	1/2 - 1 Mile East
108	MI5000000703377	1/2 - 1 Mile NNE
109	MI5000000702337	1/2 - 1 Mile NNW
AC110	MI5000000706308	1/2 - 1 Mile NNE
111	MI5000000700592	1/2 - 1 Mile West

## OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MIOG12000066991	1/2 - 1 Mile North
2	MIOG12000067062	1/2 - 1 Mile West

# PHYSICAL SETTING SOURCE MAP - 7142167.2s



- County Boundary
- Major Roads
- Contour Lines
- 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: 3 E Main St  
 ADDRESS: 3 E Main St  
 Hart MI 49420  
 LAT/LONG: 43.702508 / 86.365559

CLIENT: Fishbeck, Thompson, Carr & Huber  
 CONTACT: Ariane Savoy  
 INQUIRY #: 7142167.2s  
 DATE: October 10, 2022 9:22 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**ENE**  
**0 - 1/8 Mile**  
**Lower**

**MI WELLS      MI5000000700657**

Well ID:	64000001808	Permit #:	Not Reported
Owner:	FATSEAS, DOROTHY	Well Depth (ft):	122
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19860814
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	118
Screen Start Depth (ft):	118	Screen End Depth (ft):	122
Static Water Level (ft):	0	Flowing:	Y
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	20	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	640	Specific Capacity:	0
Rock Top (ft):	0		

**A2**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS      MI5000000700605**

Well ID:	64000001755	Permit #:	Not Reported
Owner:	WADEL, RICK	Well Depth (ft):	60
Well Type:	Heat Pump	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19880226
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	60
Screen Start Depth (ft):	50	Screen End Depth (ft):	60
Static Water Level (ft):	41	Flowing:	N
Test Drawdown Depth:	41	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	640	Specific Capacity:	0
Rock Top (ft):	0		

**3**  
**SSE**  
**1/4 - 1/2 Mile**  
**Higher**

**FRDS PWS      MI0003060**

Epa region:	05	State:	MI
Pwsid:	MI0003060	Pwsname:	HART
Cityserved:	Not Reported	Stateserved:	MI
Zipsserved:	Not Reported	Fipscounty:	26127
Status:	Active	Retpopsrvd:	1915
Pwssvconn:	884	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact:	RICKARD, STAN	Contactorgname:	RICKARD, STAN
Contactphone:	231-873-2488	Contactaddress1:	407 State Street
Contactaddress2:	Not Reported	Contactcity:	HART
Contactstate:	MI	Contactzip:	49420
Pwsactivitycode:	A		
PWS ID:	MI0003060	PWS name:	HART
Address:	407 STATE STREET	Care of:	CITY OF HART
City:	HART	State:	MI
Zip:	49420	Owner:	HART
Source code:	Ground water	Population:	1942
PWS ID:	MI0003060	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MI0003060
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00001942
System name:	HART	System address:	CITY OF HART
System address:	218 WASHINGTON STREET	System city:	HART
System state:	MI	System zip:	49420
Population served:	1,001 - 2,500 Persons	Treatment:	Untreated
Latitude:	434153	Longitude:	0862150

**4**

**North**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS      MI500000700604**

Well ID:	64000001754	Permit #:	Not Reported
Owner:	BRUNIX, ADAM	Well Depth (ft):	109
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19670127
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	100
Screen Start Depth (ft):	100	Screen End Depth (ft):	109
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	659	Specific Capacity:	0
Rock Top (ft):	0		

**A5**

**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS      MI500000700607**

Well ID:	64000001757	Permit #:	Not Reported
Owner:	REID, WILLIAM	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Method Info:	Not Reported	Construction Date:	19900822
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	120
Screen Start Depth (ft):	110	Screen End Depth (ft):	120
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	650	Specific Capacity:	0
Rock Top (ft):	0		

**B6**  
**NNW**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS      MI5000000700610**

Well ID:	64000001760	Permit #:	Not Reported
Owner:	CITY OF HART	Well Depth (ft):	124
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3060	Well #:	HART WELL #7 (Hardy #2)
Driller ID:	Not Reported	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	19710101
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	0
Screen Start Depth (ft):	0	Screen End Depth (ft):	124
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	636	Specific Capacity:	0
Rock Top (ft):	0		

**B7**  
**NNW**  
**1/4 - 1/2 Mile**  
**Lower**

**MI WELLS      MI5000000700609**

Well ID:	64000001759	Permit #:	Not Reported
Owner:	CITY OF HART	Well Depth (ft):	125
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3060	Well #:	HART WELL #6 (Hardy #1)
Driller ID:	Not Reported	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	19710101
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	8	Casing Depth (ft):	0
Screen Start Depth (ft):	0	Screen End Depth (ft):	125
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	657	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C8**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS      MI5000000704972**

Well ID:	64000006554	Permit #:	640006718
Owner:	ROBERT ROOINMS	Well Depth (ft):	145
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20091115
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	125
Screen Start Depth (ft):	135	Screen End Depth (ft):	145
Static Water Level (ft):	65	Flowing:	N
Test Drawdown Depth:	90	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0.16666667
Rock Top (ft):	0		

**C9**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS      MI5000000700601**

Well ID:	64000001750	Permit #:	Not Reported
Owner:	JUSKA, TONY	Well Depth (ft):	139
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	Not Reported	Drill Method:	Hollow Rod
Other Method Info:	Not Reported	Construction Date:	19771216
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	135
Screen Start Depth (ft):	135	Screen End Depth (ft):	139
Static Water Level (ft):	55	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	682	Specific Capacity:	0
Rock Top (ft):	0		

**D10**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS      MI5000000704212**

Well ID:	64000005714	Permit #:	640005462
Owner:	WILLIAM REILLY	Well Depth (ft):	141
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20060605

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	141
Screen Start Depth (ft):	131	Screen End Depth (ft):	141
Static Water Level (ft):	58	Flowing:	N
Test Drawdown Depth:	59	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**D11**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI500000702721**

Well ID:	64000004034	Permit #:	640003205
Owner:	ALBERT RIDDELL	Well Depth (ft):	179
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20020612
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	179
Screen Start Depth (ft):	169	Screen End Depth (ft):	179
Static Water Level (ft):	88	Flowing:	N
Test Drawdown Depth:	160	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	OTH
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**D12**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS MI500000700596**

Well ID:	64000001745	Permit #:	Not Reported
Owner:	LONGCORE, RONALD	Well Depth (ft):	212
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	JETTIN
Other Method Info:	Not Reported	Construction Date:	19810422
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	208
Screen Start Depth (ft):	208	Screen End Depth (ft):	212
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth:	65	Test Hours:	0
Test Water Flow Rate:	15	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	702	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C13**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**MI WELLS      MI5000000705123**

Well ID:	64000006746	Permit #:	640007231
Owner:	Schaner, Jerry	Well Depth (ft):	170
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20110923
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	160
Screen Start Depth (ft):	162	Screen End Depth (ft):	170
Static Water Level (ft):	75	Flowing:	N
Test Drawdown Depth:	90	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**E14**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700598**

Well ID:	64000001747	Permit #:	Not Reported
Owner:	RUMICS, MILDRED C.	Well Depth (ft):	108
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19790831
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	104
Screen Start Depth (ft):	104	Screen End Depth (ft):	108
Static Water Level (ft):	62	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

**F15**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000701747**

Well ID:	64000002943	Permit #:	Not Reported
Owner:	GATEWAY MOTEL	Well Depth (ft):	120
Well Type:	Type II Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	2005464	Well #:	001
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19740910



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	100
Screen Start Depth (ft):	100	Screen End Depth (ft):	120
Static Water Level (ft):	78	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	65	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	261.810000000000002	Specific Capacity:	0
Rock Top (ft):	0		

**F16  
NNW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000701785**

Well ID:	64000002982	Permit #:	64-01512
Owner:	RUSS JOHNSON	Well Depth (ft):	162
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	53-1917	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19991028
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	162
Screen Start Depth (ft):	156	Screen End Depth (ft):	162
Static Water Level (ft):	80	Flowing:	N
Test Drawdown Depth:	85	Test Hours:	2
Test Water Flow Rate:	26	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**G17  
NNE  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000703928**

Well ID:	64000005397	Permit #:	640005068
Owner:	NOEL SOBERS	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050718
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	160
Screen Start Depth (ft):	150	Screen End Depth (ft):	160
Static Water Level (ft):	80	Flowing:	N
Test Drawdown Depth:	130	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	699	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**18**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706526**

Well ID:	64000008264	Permit #:	64-10264
Owner:	AHC PROPERTIES	Well Depth (ft):	188
Well Type:	Type III Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20200710
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	178
Screen Start Depth (ft):	178	Screen End Depth (ft):	188
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth:	120	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**G19**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702524**

Well ID:	64000003837	Permit #:	64-01651
Owner:	HABITAT FOR HUMANITY	Well Depth (ft):	136
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20011112
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	99
Screen Start Depth (ft):	126	Screen End Depth (ft):	136
Static Water Level (ft):	70	Flowing:	N
Test Drawdown Depth:	95	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	16
Elevation (ft):	0	Specific Capacity:	0.16842105
Rock Top (ft):	0		

**20**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000705944**

Well ID:	64000007629	Permit #:	64-8931
Owner:	Mike Erickson	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20161118

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	130
Screen Start Depth (ft):	130	Screen End Depth (ft):	140
Static Water Level (ft):	73	Flowing:	N
Test Drawdown Depth:	130	Test Hours:	1
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**E21**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000701783**

Well ID:	64000002980	Permit #:	64-01741
Owner:	DON BUSCH	Well Depth (ft):	183
Well Type:	Unknown	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19991210
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	173
Screen Start Depth (ft):	173	Screen End Depth (ft):	183
Static Water Level (ft):	75	Flowing:	N
Test Drawdown Depth:	105	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	600	Specific Capacity:	0
Rock Top (ft):	0		

**E22**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000702312**

Well ID:	64000003621	Permit #:	64-01560
Owner:	Russell Johnson	Well Depth (ft):	182
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20010612
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	182
Screen Start Depth (ft):	162	Screen End Depth (ft):	182
Static Water Level (ft):	63	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**H23**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700606**

Well ID:	64000001756	Permit #:	Not Reported
Owner:	DUNN, ROBERT	Well Depth (ft):	127
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19900601
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	107
Screen Start Depth (ft):	107	Screen End Depth (ft):	127
Static Water Level (ft):	77	Flowing:	N
Test Drawdown Depth:	77	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	699	Specific Capacity:	0
Rock Top (ft):	0		

**G24**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706356**

Well ID:	64000008083	Permit #:	64-10260
Owner:	JAMES & PATRICIA DENISON	Well Depth (ft):	164
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20191204
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	159
Screen Start Depth (ft):	159	Screen End Depth (ft):	164
Static Water Level (ft):	69	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**I25**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700650**

Well ID:	64000001801	Permit #:	Not Reported
Owner:	M.W. VANDERVEEN CONST. CO.	Well Type:	Household
Well Depth (ft):	50	Well Status:	Not Reported
Other Type Info:	Not Reported	Water Supply Serial #:	0
Other Status Info:	Not Reported	Driller ID:	64-0407
Well #:	Not Reported	Other Method Info:	Not Reported
Drill Method:	JETTIN		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	19721212	Casing Type:	Unknown
Other Casing Info:	Not Reported	Casing Diameter (in):	2
Casing Depth (ft):	46	Screen Start Depth (ft):	46
Screen End Depth (ft):	50	Static Water Level (ft):	32
Flowing:	N	Test Drawdown Depth:	0
Test Hours:	0	Test Water Flow Rate:	12
Test Method:	UNK	Well Grouted:	N
Pump Capacity (gpm):	0	Elevation (ft):	679
Specific Capacity:	0	Rock Top (ft):	0

**I26  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000700661**

Well ID:	64000001812	Permit #:	Not Reported
Owner:	FILD, JON	Well Depth (ft):	50
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19880413
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	50
Screen Start Depth (ft):	40	Screen End Depth (ft):	50
Static Water Level (ft):	26	Flowing:	N
Test Drawdown Depth:	26	Test Hours:	1
Test Water Flow Rate:	10	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		

**H27  
NNE  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000705428**

Well ID:	64000007075	Permit #:	64-7660
Owner:	Alan Huron	Well Depth (ft):	164
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20131106
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	159
Screen Start Depth (ft):	159	Screen End Depth (ft):	164
Static Water Level (ft):	82	Flowing:	N
Test Drawdown Depth:	96	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	16
Elevation (ft):	0	Specific Capacity:	0.16666667
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**H28**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702247**

Well ID:	64000003551	Permit #:	64-02475
Owner:	PAM FLAHARTY	Well Depth (ft):	184
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20010702
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	184
Screen Start Depth (ft):	174	Screen End Depth (ft):	184
Static Water Level (ft):	81	Flowing:	N
Test Drawdown Depth:	120	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**H29**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700608**

Well ID:	64000001758	Permit #:	Not Reported
Owner:	LIPSKI, CRAIG	Well Depth (ft):	112
Well Type:	Unknown	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	19910910
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	0
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	80	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	699	Specific Capacity:	0
Rock Top (ft):	0		

**H30**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702246**

Well ID:	64000003550	Permit #:	64-02519
Owner:	TIM WHITE	Well Depth (ft):	182
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	20010620

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	182
Screen Start Depth (ft):	172	Screen End Depth (ft):	182
Static Water Level (ft):	51	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**I31  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000700651**

Well ID:	64000001802	Permit #:	Not Reported
Owner:	M.W. VANDERVEEN CONST. CO.	Well Type:	Household
Well Depth (ft):	48	Well Status:	Not Reported
Other Type Info:	Not Reported	Water Supply Serial #:	0
Other Status Info:	Not Reported	Driller ID:	64-0407
Well #:	Not Reported	Other Method Info:	Not Reported
Drill Method:	Auger/Bored	Casing Type:	Unknown
Construction Date:	19730103	Casing Diameter (in):	3
Other Casing Info:	Not Reported	Screen Start Depth (ft):	42
Casing Depth (ft):	42	Static Water Level (ft):	25
Screen End Depth (ft):	48	Test Drawdown Depth:	0
Flowing:	N	Test Water Flow Rate:	25
Test Hours:	0	Well Grouted:	N
Test Method:	UNK	Elevation (ft):	679
Pump Capacity (gpm):	0	Rock Top (ft):	0
Specific Capacity:	0		

**I32  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000702859**

Well ID:	64000004176	Permit #:	640003431
Owner:	JOHN & LOIS SULLIVAN	Well Depth (ft):	84
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20021016
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	84
Screen Start Depth (ft):	74	Screen End Depth (ft):	84
Static Water Level (ft):	41	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	1
Test Water Flow Rate:	29	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**I33**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700648**

Well ID:	64000001799	Permit #:	Not Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	50
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19801105
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	0
Screen Start Depth (ft):	46	Screen End Depth (ft):	50
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		

**J34**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704414**

Well ID:	64000005929	Permit #:	640005855
Owner:	RITA ROBBINS	Well Depth (ft):	45
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20070509
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	45
Screen Start Depth (ft):	35	Screen End Depth (ft):	45
Static Water Level (ft):	19	Flowing:	N
Test Drawdown Depth:	28	Test Hours:	1
Test Water Flow Rate:	10	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**K35**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700668**

Well ID:	64000001820	Permit #:	Not Reported
Owner:	ROUGH, MYRON	Well Depth (ft):	50
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	58-0646	Drill Method:	Hollow Rod
Other Method Info:	Not Reported	Construction Date:	19780708



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	50
Screen Start Depth (ft):	45	Screen End Depth (ft):	50
Static Water Level (ft):	34	Flowing:	N
Test Drawdown Depth:	34	Test Hours:	1
Test Water Flow Rate:	10	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		

**L36**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS MI500000704737**

Well ID:	64000006281	Permit #:	640006486
Owner:	ALAN PEERAER	Well Depth (ft):	96
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20081201
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	90
Screen Start Depth (ft):	86	Screen End Depth (ft):	96
Static Water Level (ft):	55	Flowing:	N
Test Drawdown Depth:	75	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	16
Elevation (ft):	0	Specific Capacity:	0.21333333
Rock Top (ft):	0		

**M37**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS MI500000700660**

Well ID:	64000001811	Permit #:	Not Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	46
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19871027
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	0
Screen Start Depth (ft):	41	Screen End Depth (ft):	46
Static Water Level (ft):	29	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**38**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703105**

Well ID:	64000004471	Permit #:	640003682
Owner:	GLEN TOWNE	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20030704
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	90
Screen Start Depth (ft):	90	Screen End Depth (ft):	100
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**K39**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706093**

Well ID:	64000007789	Permit #:	64-9476
Owner:	Galen Dunn	Well Depth (ft):	43
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20171122
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	37
Screen Start Depth (ft):	37	Screen End Depth (ft):	43
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	35	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**H40**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702769**

Well ID:	64000004083	Permit #:	640003008
Owner:	Maria Thornton	Well Depth (ft):	118
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20020831

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	108
Screen Start Depth (ft):	108	Screen End Depth (ft):	118
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth:	90	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0.16666667
Rock Top (ft):	0		

**N41  
WNW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000703124**

Well ID:	64000004491	Permit #:	640003812
Owner:	CHARLES CUTLER	Well Depth (ft):	97
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20030630
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	97
Screen Start Depth (ft):	87	Screen End Depth (ft):	97
Static Water Level (ft):	51	Flowing:	N
Test Drawdown Depth:	55	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**J42  
WSW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000702050**

Well ID:	64000003349	Permit #:	64-01735
Owner:	Linda Thraillkill	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20000524
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	100
Screen Start Depth (ft):	90	Screen End Depth (ft):	100
Static Water Level (ft):	0	Flowing:	Y
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**O43**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702497**

Well ID:	64000003810	Permit #:	64-02831
Owner:	EDWARD LOSEMAN JR	Well Depth (ft):	144
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20010801
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	139
Screen Start Depth (ft):	139	Screen End Depth (ft):	144
Static Water Level (ft):	58	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	3
Test Water Flow Rate:	28	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**44**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700593**

Well ID:	64000001742	Permit #:	Not Reported
Owner:	HEGG, CHARLES	Well Depth (ft):	74
Well Type:	Other	Other Type Info:	Public Well Type Unknown
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19670710
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	64
Screen Start Depth (ft):	64	Screen End Depth (ft):	74
Static Water Level (ft):	46	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	3
Test Water Flow Rate:	60	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	686	Specific Capacity:	0
Rock Top (ft):	0		

**45**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704322**

Well ID:	64000005824	Permit #:	640005631
Owner:	Troy Van Gerladeren	Well Depth (ft):	175
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	70-0337	Drill Method:	Cable Tool
Other Method Info:	Not Reported	Construction Date:	20070104

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	170
Screen Start Depth (ft):	170	Screen End Depth (ft):	175
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	1
Test Water Flow Rate:	50	Test Method:	PLUGR
Well Grouted:	Y	Pump Capacity (gpm):	18
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**M46  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000700645**

Well ID:	64000001796	Permit #:	Not Reported
Owner:	HART SCHOOL BUILDING TRADES	Well Type:	Household
Well Depth (ft):	46	Well Status:	Not Reported
Other Type Info:	Not Reported	Water Supply Serial #:	0
Other Status Info:	Not Reported	Driller ID:	64-0529
Well #:	Not Reported	Other Method Info:	Not Reported
Drill Method:	ROTARY	Casing Type:	Unknown
Construction Date:	19831108	Casing Diameter (in):	4
Other Casing Info:	Not Reported	Screen Start Depth (ft):	41
Casing Depth (ft):	44	Static Water Level (ft):	29
Screen End Depth (ft):	46	Test Drawdown Depth:	0
Flowing:	N	Test Water Flow Rate:	0
Test Hours:	0	Well Grouted:	N
Test Method:	UNK	Elevation (ft):	679
Pump Capacity (gpm):	0	Rock Top (ft):	0
Specific Capacity:	0		

**L47  
NNE  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000700603**

Well ID:	64000001753	Permit #:	Not Reported
Owner:	HART REDI MIX	Well Depth (ft):	138
Well Type:	Other	Other Type Info:	Commercial
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19710724
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	129
Screen Start Depth (ft):	129	Screen End Depth (ft):	138
Static Water Level (ft):	68	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	45	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	702	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**M48**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700646**

Well ID:	64000001797	Permit #:	Not Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	50
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19821004
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	45
Screen Start Depth (ft):	46	Screen End Depth (ft):	50
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		

**P49**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000705150**

Well ID:	64000006774	Permit #:	640007133
Owner:	Herbert G. Foster	Well Depth (ft):	61
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	JETTIN
Other Method Info:	Not Reported	Construction Date:	20111202
Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	51
Screen Start Depth (ft):	51	Screen End Depth (ft):	61
Static Water Level (ft):	34	Flowing:	N
Test Drawdown Depth:	42	Test Hours:	1
Test Water Flow Rate:	25	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	25
Elevation (ft):	0	Specific Capacity:	0.5952381
Rock Top (ft):	0		

**P50**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700649**

Well ID:	64000001800	Permit #:	Not Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	50
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19791109

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	45
Screen Start Depth (ft):	36	Screen End Depth (ft):	50
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	686	Specific Capacity:	0
Rock Top (ft):	0		

**51  
NNE  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000700595**

Well ID:	64000001744	Permit #:	Not Reported
Owner:	PEERAER, ALLEN	Well Depth (ft):	97
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	Hollow Rod
Other Method Info:	Not Reported	Construction Date:	19820920
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	92
Screen Start Depth (ft):	92	Screen End Depth (ft):	97
Static Water Level (ft):	78	Flowing:	N
Test Drawdown Depth:	78	Test Hours:	1
Test Water Flow Rate:	14	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	702	Specific Capacity:	0
Rock Top (ft):	0		

**Q52  
WSW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000703347**

Well ID:	64000004735	Permit #:	Not Reported
Owner:	Church of Latter Day Saints	Well Type:	Type II Public
Well Depth (ft):	91	Well Status:	Active
Other Type Info:	Not Reported	Water Supply Serial #:	2023064
Other Status Info:	Not Reported	Driller ID:	64-0407
Well #:	001	Other Method Info:	Not Reported
Drill Method:	ROTARY	Casing Type:	Steel-Unknown
Construction Date:	19920414	Casing Diameter (in):	4
Other Casing Info:	Not Reported	Screen Start Depth (ft):	86
Casing Depth (ft):	86	Static Water Level (ft):	24
Screen End Depth (ft):	91	Test Drawdown Depth:	0
Flowing:	N	Test Water Flow Rate:	28
Test Hours:	0	Well Grouted:	Y
Test Method:	UNK	Elevation (ft):	673
Pump Capacity (gpm):	0	Rock Top (ft):	0
Specific Capacity:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**P53**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700647**

Well ID:	64000001798	Permit #:	Not Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	50
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19811026
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	45
Screen Start Depth (ft):	46	Screen End Depth (ft):	50
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	682	Specific Capacity:	0
Rock Top (ft):	0		

**R54**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000704084**

Well ID:	64000005572	Permit #:	6400047447
Owner:	CHAD HUIZENGA	Well Depth (ft):	126
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20051014
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	90
Screen Start Depth (ft):	116	Screen End Depth (ft):	126
Static Water Level (ft):	45	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	16
Elevation (ft):	0	Specific Capacity:	0.26666667
Rock Top (ft):	0		

**N55**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703800**

Well ID:	64000005261	Permit #:	640004866
Owner:	MARK FOSTER	Well Depth (ft):	75
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	Auger/Bored
Other Method Info:	Not Reported	Construction Date:	20050310



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Steel-Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	72
Screen Start Depth (ft):	71	Screen End Depth (ft):	75
Static Water Level (ft):	62	Flowing:	N
Test Drawdown Depth:	62	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	PLUGR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0.24193548
Rock Top (ft):	0		

**56  
ENE  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000704942**

Well ID:	64000006522	Permit #:	640006673
Owner:	JOHN AND SANDY DIEHL	Well Depth (ft):	86
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	34-2126	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20091112
Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	81
Screen Start Depth (ft):	81	Screen End Depth (ft):	86
Static Water Level (ft):	70	Flowing:	N
Test Drawdown Depth:	79	Test Hours:	1
Test Water Flow Rate:	30	Test Method:	PLUGR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0.37974684
Rock Top (ft):	0		

**M57  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000700665**

Well ID:	64000001817	Permit #:	Not Reported
Owner:	HIGGINSON, JANET	Well Depth (ft):	93
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19911230
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	87
Screen Start Depth (ft):	88	Screen End Depth (ft):	93
Static Water Level (ft):	46	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	60	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	686	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**O58**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706244**

Well ID:	64000007956	Permit #:	64-9750
Owner:	Stephen Kuipers	Well Depth (ft):	35
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Cable Tool
Other Method Info:	Not Reported	Construction Date:	20181026
Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	29
Screen Start Depth (ft):	30	Screen End Depth (ft):	35
Static Water Level (ft):	19	Flowing:	N
Test Drawdown Depth:	20	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	PLUGR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0.75
Rock Top (ft):	0		

**P59**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700656**

Well ID:	64000001807	Permit #:	Not Reported
Owner:	M.W. VANDERVEEN CONST. CO.	Well Type:	Household
Well Depth (ft):	47	Well Status:	Not Reported
Other Type Info:	Not Reported	Water Supply Serial #:	0
Other Status Info:	Not Reported	Driller ID:	64-0407
Well #:	Not Reported	Other Method Info:	Not Reported
Drill Method:	JETTIN	Casing Type:	Unknown
Construction Date:	19730105	Casing Diameter (in):	2
Other Casing Info:	Not Reported	Screen Start Depth (ft):	43
Casing Depth (ft):	43	Static Water Level (ft):	32
Screen End Depth (ft):	47	Test Drawdown Depth:	0
Flowing:	N	Test Water Flow Rate:	11
Test Hours:	0	Well Grouted:	N
Test Method:	UNK	Elevation (ft):	689
Pump Capacity (gpm):	0	Rock Top (ft):	0
Specific Capacity:	0		

**O60**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700615**

Well ID:	64000001765	Permit #:	Not Reported
Owner:	STRALEY, TED	Well Depth (ft):	38
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	Not Reported	Drill Method:	Hollow Rod
Other Method Info:	Not Reported	Construction Date:	19750521

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	0
Screen Start Depth (ft):	34	Screen End Depth (ft):	38
Static Water Level (ft):	18	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		

**P61  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000700658**

Well ID:	64000001809	Permit #:	Not Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	40
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19841009
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	35
Screen Start Depth (ft):	35	Screen End Depth (ft):	40
Static Water Level (ft):	31	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

**S62  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000700659**

Well ID:	64000001810	Permit #:	Not Reported
Owner:	PEARSON, RAYMOND	Well Depth (ft):	94
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0529	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19860410
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	0
Screen Start Depth (ft):	86	Screen End Depth (ft):	94
Static Water Level (ft):	49	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**Q63**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703076**

Well ID:	64000004409	Permit #:	640003848
Owner:	HENRY LEHMAN	Well Depth (ft):	107
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	61-2074	Drill Method:	Cable Tool
Other Method Info:	Not Reported	Construction Date:	20030701
Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	107
Screen Start Depth (ft):	97	Screen End Depth (ft):	107
Static Water Level (ft):	16	Flowing:	N
Test Drawdown Depth:	26	Test Hours:	1
Test Water Flow Rate:	10	Test Method:	BAIL
Well Grouted:	Y	Pump Capacity (gpm):	16
Elevation (ft):	673	Specific Capacity:	0.38461538
Rock Top (ft):	0		

**64**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704726**

Well ID:	64000006267	Permit #:	640006406
Owner:	TED STRALEY	Well Depth (ft):	40
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	61-2040	Drill Method:	JETTIN
Other Method Info:	Not Reported	Construction Date:	20080911
Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	35
Screen Start Depth (ft):	35	Screen End Depth (ft):	40
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth:	33	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**P65**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700653**

Well ID:	64000001804	Permit #:	Not Reported
Owner:	HART BUILDERS SUPPLY	Well Depth (ft):	103
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19691023

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	98
Screen Start Depth (ft):	98	Screen End Depth (ft):	103
Static Water Level (ft):	11	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	35	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

**P66  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000700655**

Well ID:	64000001806	Permit #:	Not Reported
Owner:	M.W. VANDERVEEN CONST. CO.	Well Type:	Household
Well Depth (ft):	44	Well Status:	Not Reported
Other Type Info:	Not Reported	Water Supply Serial #:	0
Other Status Info:	Not Reported	Driller ID:	64-0407
Well #:	Not Reported	Other Method Info:	Not Reported
Drill Method:	JETTIN	Casing Type:	Unknown
Construction Date:	19730111	Casing Diameter (in):	2
Other Casing Info:	Not Reported	Screen Start Depth (ft):	40
Casing Depth (ft):	40	Static Water Level (ft):	27
Screen End Depth (ft):	44	Test Drawdown Depth:	0
Flowing:	N	Test Water Flow Rate:	15
Test Hours:	0	Well Grouted:	N
Test Method:	UNK	Elevation (ft):	689
Pump Capacity (gpm):	0	Rock Top (ft):	0
Specific Capacity:	0		

**S67  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000704697**

Well ID:	64000006238	Permit #:	640006313
Owner:	MARY BRICKER	Well Depth (ft):	101
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20080710
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	8	Casing Depth (ft):	101
Screen Start Depth (ft):	91	Screen End Depth (ft):	101
Static Water Level (ft):	65	Flowing:	N
Test Drawdown Depth:	90	Test Hours:	1
Test Water Flow Rate:	10	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**S68**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000700652**

Well ID:	64000001803	Permit #:	Not Reported
Owner:	WOLTING, JAY	Well Depth (ft):	86
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19671112
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	82
Screen Start Depth (ft):	82	Screen End Depth (ft):	86
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	15	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

**S69**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700664**

Well ID:	64000001815	Permit #:	Not Reported
Owner:	STOVALL, MARK	Well Depth (ft):	90
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19910418
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	80
Screen Start Depth (ft):	80	Screen End Depth (ft):	90
Static Water Level (ft):	55	Flowing:	N
Test Drawdown Depth:	75	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	650	Specific Capacity:	0
Rock Top (ft):	0		

**70**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703891**

Well ID:	64000005360	Permit #:	640004977
Owner:	SHARON POUNDS	Well Depth (ft):	103
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050523

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	103
Screen Start Depth (ft):	93	Screen End Depth (ft):	103
Static Water Level (ft):	58	Flowing:	N
Test Drawdown Depth:	72	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	676	Specific Capacity:	0
Rock Top (ft):	0		

**S71  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000701790**

Well ID:	64000002987	Permit #:	64-01719
Owner:	JOHN CARLSON	Well Depth (ft):	52
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19990925
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	42
Screen Start Depth (ft):	42	Screen End Depth (ft):	52
Static Water Level (ft):	32	Flowing:	N
Test Drawdown Depth:	32	Test Hours:	1
Test Water Flow Rate:	16	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	16
Elevation (ft):	663	Specific Capacity:	0.5
Rock Top (ft):	0		

**T72  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000700654**

Well ID:	64000001805	Permit #:	Not Reported
Owner:	WOLTING, JAY	Well Depth (ft):	86
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19690514
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	80
Screen Start Depth (ft):	80	Screen End Depth (ft):	86
Static Water Level (ft):	42	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	45	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**S73**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700662**

Well ID:	64000001813	Permit #:	Not Reported
Owner:	BRICKER, MARY	Well Depth (ft):	44
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	Not Reported	Drill Method:	Hollow Rod
Other Method Info:	Not Reported	Construction Date:	19870326
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	40
Screen Start Depth (ft):	40	Screen End Depth (ft):	44
Static Water Level (ft):	32.5	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	692	Specific Capacity:	0
Rock Top (ft):	0		

**T74**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706453**

Well ID:	64000008186	Permit #:	64-10184
Owner:	DAN TALSMAN	Well Depth (ft):	103
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20191006
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	93
Screen Start Depth (ft):	93	Screen End Depth (ft):	103
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**S75**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704169**

Well ID:	64000005670	Permit #:	640005367
Owner:	Not Reported	Well Depth (ft):	83
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	53-1659	Drill Method:	Cable Tool
Other Method Info:	Not Reported	Construction Date:	20060719



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Steel-Galvanized	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	73
Screen Start Depth (ft):	73	Screen End Depth (ft):	83
Static Water Level (ft):	54	Flowing:	N
Test Drawdown Depth:	65	Test Hours:	2
Test Water Flow Rate:	75	Test Method:	PLUGR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	1.15384615
Rock Top (ft):	0		

**R76**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000701784**

Well ID:	64000002981	Permit #:	64-01621
Owner:	WM. BURD JR.	Well Depth (ft):	90
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19991208
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	80
Screen Start Depth (ft):	80	Screen End Depth (ft):	90
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	.5
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	715.03999999999964	Specific Capacity:	0
Rock Top (ft):	0		

**U77**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000702913**

Well ID:	64000004231	Permit #:	640003396
Owner:	FRANK MAST	Well Depth (ft):	54
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20021117
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	54
Screen Start Depth (ft):	44	Screen End Depth (ft):	54
Static Water Level (ft):	26	Flowing:	N
Test Drawdown Depth:	44	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**78**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000706076**

Well ID:	64000007772	Permit #:	64-8377
Owner:	LIEVENSE JAMES	Well Depth (ft):	81
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	53-2340	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20160201
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	73
Screen Start Depth (ft):	73	Screen End Depth (ft):	81
Static Water Level (ft):	51	Flowing:	N
Test Drawdown Depth:	51	Test Hours:	2
Test Water Flow Rate:	37	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	25
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**U79**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706397**

Well ID:	64000008128	Permit #:	64-9385
Owner:	RININGER JAMES	Well Depth (ft):	80
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	53-2430	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20180919
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	72
Screen Start Depth (ft):	72	Screen End Depth (ft):	80
Static Water Level (ft):	36	Flowing:	N
Test Drawdown Depth:	42	Test Hours:	2
Test Water Flow Rate:	37	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**V80**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704853**

Well ID:	64000006417	Permit #:	640006755
Owner:	Kathy Bebee	Well Depth (ft):	132
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20100317

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	123
Screen Start Depth (ft):	122	Screen End Depth (ft):	132
Static Water Level (ft):	75	Flowing:	N
Test Drawdown Depth:	99	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**W81  
NNE  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000700599**

Well ID:	64000001748	Permit #:	Not Reported
Owner:	COLE, THEODORE	Well Depth (ft):	130
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	JETTIN
Other Method Info:	Not Reported	Construction Date:	19760822
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	126
Screen Start Depth (ft):	126	Screen End Depth (ft):	130
Static Water Level (ft):	75	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	15	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	728	Specific Capacity:	0
Rock Top (ft):	0		

**X82  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS MI500000700663**

Well ID:	64000001814	Permit #:	Not Reported
Owner:	BONSTALL, MIKE	Well Depth (ft):	95
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	Driven Hand
Other Method Info:	Not Reported	Construction Date:	19880309
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	2	Casing Depth (ft):	95
Screen Start Depth (ft):	91	Screen End Depth (ft):	95
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth:	84	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	699	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**X83**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703953**

Well ID:	64000005438	Permit #:	640005085
Owner:	COZART CONSTRUCTION COZART		
Well Depth (ft):	103	Well Type:	Household
Other Type Info:	Not Reported	Well Status:	Active
Other Status Info:	Not Reported	Water Supply Serial #:	0
Well #:	Not Reported	Driller ID:	64-1587
Drill Method:	ROTARY	Other Method Info:	Not Reported
Construction Date:	20051013	Casing Type:	PVC Plastic
Other Casing Info:	Not Reported	Casing Diameter (in):	5
Casing Depth (ft):	103	Screen Start Depth (ft):	93
Screen End Depth (ft):	103	Static Water Level (ft):	53
Flowing:	N	Test Drawdown Depth:	75
Test Hours:	1	Test Water Flow Rate:	20
Test Method:	AIR	Well Grouted:	Y
Pump Capacity (gpm):	20	Elevation (ft):	0
Specific Capacity:	0	Rock Top (ft):	0

**84**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703927**

Well ID:	64000005396	Permit #:	640005077
Owner:	MANUEL VILANUEVA	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050802
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	100
Screen Start Depth (ft):	90	Screen End Depth (ft):	100
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	52	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	22
Elevation (ft):	692	Specific Capacity:	0
Rock Top (ft):	0		

**W85**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700600**

Well ID:	64000001749	Permit #:	Not Reported
Owner:	GATEWAY MOTEL	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19740910

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	100
Screen Start Depth (ft):	100	Screen End Depth (ft):	120
Static Water Level (ft):	78	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	65	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	728	Specific Capacity:	0
Rock Top (ft):	0		

**V86  
NNW  
1/2 - 1 Mile  
Lower**

**MI WELLS      MI5000000706577**

Well ID:	64000008318	Permit #:	64-10093
Owner:	MOSS GREG	Well Depth (ft):	111
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	53-2430	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20191104
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	103
Screen Start Depth (ft):	103	Screen End Depth (ft):	111
Static Water Level (ft):	3	Flowing:	U
Test Drawdown Depth:	26	Test Hours:	2
Test Water Flow Rate:	29	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	18
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**Y87  
NW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI5000000704919**

Well ID:	64000006499	Permit #:	640006491
Owner:	GOEFF HANSEN	Well Depth (ft):	98
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20090725
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	90
Screen Start Depth (ft):	88	Screen End Depth (ft):	98
Static Water Level (ft):	55	Flowing:	N
Test Drawdown Depth:	10	Test Hours:	1
Test Water Flow Rate:	18	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	18
Elevation (ft):	0	Specific Capacity:	1.8
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**Z88**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700672**

Well ID:	64000001824	Permit #:	Not Reported
Owner:	HAWLEY, JOHN	Well Depth (ft):	120
Well Type:	Type II Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	2025264	Well #:	001
Driller ID:	Not Reported	Drill Method:	Cable Tool
Other Method Info:	Not Reported	Construction Date:	19720615
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	120
Screen Start Depth (ft):	110	Screen End Depth (ft):	120
Static Water Level (ft):	36	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

**89**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703856**

Well ID:	64000005325	Permit #:	640004188
Owner:	JOHN TATE	Well Depth (ft):	114
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040301
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	114
Screen Start Depth (ft):	104	Screen End Depth (ft):	114
Static Water Level (ft):	55	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	OTH
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**Y90**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703621**

Well ID:	64000005076	Permit #:	640004393
Owner:	JAMIE KISTLER	Well Depth (ft):	103
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040811

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	103
Screen Start Depth (ft):	93	Screen End Depth (ft):	103
Static Water Level (ft):	41	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	OTH
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	686	Specific Capacity:	0
Rock Top (ft):	0		

**91**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS MI500000706092**

Well ID:	64000007788	Permit #:	64-9431
Owner:	KALVIN KLOTZ	Well Depth (ft):	66
Well Type:	Type III Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20171025
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	62
Screen Start Depth (ft):	62	Screen End Depth (ft):	66
Static Water Level (ft):	32	Flowing:	N
Test Drawdown Depth:	56	Test Hours:	1
Test Water Flow Rate:	30	Test Method:	PLUGR
Well Grouted:	Y	Pump Capacity (gpm):	37
Elevation (ft):	0	Specific Capacity:	0.53571429
Rock Top (ft):	0		

**AA92**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS MI500000700612**

Well ID:	64000001762	Permit #:	Not Reported
Owner:	GEHL, BOB	Well Depth (ft):	151
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	Not Reported	Drill Method:	Hollow Rod
Other Method Info:	Not Reported	Construction Date:	19821216
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	0
Screen Start Depth (ft):	147	Screen End Depth (ft):	151
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**AB93**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700616**

Well ID:	64000001766	Permit #:	Not Reported
Owner:	ALTLAND, THOMAS	Well Depth (ft):	106
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	62-0359	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19890628
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	106
Screen Start Depth (ft):	101	Screen End Depth (ft):	106
Static Water Level (ft):	0	Flowing:	Y
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	25	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	659	Specific Capacity:	0
Rock Top (ft):	0		

**94**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000705917**

Well ID:	64000007602	Permit #:	64-8692
Owner:	DAVID & MAUREEN DAVIS	Well Depth (ft):	98
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20160909
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	95
Screen Start Depth (ft):	93	Screen End Depth (ft):	98
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1.5
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**Z95**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706085**

Well ID:	64000007781	Permit #:	64-9258
Owner:	MARGE GREINER	Well Depth (ft):	115
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20171011



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	105
Screen Start Depth (ft):	105	Screen End Depth (ft):	115
Static Water Level (ft):	12	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**96**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000700594**

Well ID:	64000001743	Permit #:	Not Reported
Owner:	BRANDEL, JACK	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	61-0864	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19830930
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	90
Screen Start Depth (ft):	90	Screen End Depth (ft):	100
Static Water Level (ft):	32	Flowing:	N
Test Drawdown Depth:	95	Test Hours:	1
Test Water Flow Rate:	45	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	686	Specific Capacity:	0
Rock Top (ft):	0		

**AA97**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000704851**

Well ID:	64000006414	Permit #:	640006794
Owner:	Geoff Hansen	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20100323
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	111
Screen Start Depth (ft):	110	Screen End Depth (ft):	120
Static Water Level (ft):	28	Flowing:	N
Test Drawdown Depth:	43	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	15
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**98**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706147**

Well ID:	64000007845	Permit #:	64-9444
Owner:	VINH PHAM	Well Depth (ft):	90
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20180411
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	8.75	Casing Depth (ft):	80
Screen Start Depth (ft):	80	Screen End Depth (ft):	90
Static Water Level (ft):	60	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	12	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**AB99**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702338**

Well ID:	64000003648	Permit #:	64-02231
Owner:	Johnny Michael McElroy	Well Depth (ft):	142
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20001013
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	142
Screen Start Depth (ft):	132	Screen End Depth (ft):	142
Static Water Level (ft):	60	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**AC100**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000700597**

Well ID:	64000001746	Permit #:	Not Reported
Owner:	HART BRAND TRUCKING	Well Depth (ft):	167
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19791029

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	152
Screen Start Depth (ft):	152	Screen End Depth (ft):	167
Static Water Level (ft):	80	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	728	Specific Capacity:	0
Rock Top (ft):	0		

**AD101  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000704494**

Well ID:	64000006015	Permit #:	640006011
Owner:	GERALD MOLNAR	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20071102
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	90
Screen Start Depth (ft):	90	Screen End Depth (ft):	100
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**AD102  
SW  
1/2 - 1 Mile  
Higher**

**MI WELLS      MI500000706396**

Well ID:	64000008127	Permit #:	64-9505
Owner:	LEHMAN MIKE	Well Depth (ft):	115
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20180530
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	95
Screen Start Depth (ft):	95	Screen End Depth (ft):	115
Static Water Level (ft):	55	Flowing:	N
Test Drawdown Depth:	62	Test Hours:	2
Test Water Flow Rate:	48	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**AE103**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704114**

Well ID:	64000005605	Permit #:	Not Reported
Owner:	HARRISON LANDING, STEVE BRUCE		
Well Depth (ft):	95	Well Type:	Test Well
Other Type Info:	Not Reported	Well Status:	Active
Other Status Info:	Not Reported	Water Supply Serial #:	0
Well #:	Not Reported	Driller ID:	64-0407
Drill Method:	ROTARY	Other Method Info:	Not Reported
Construction Date:	20050624	Casing Type:	Steel-Unknown
Other Casing Info:	Not Reported	Casing Diameter (in):	4
Casing Depth (ft):	90	Screen Start Depth (ft):	90
Screen End Depth (ft):	94	Static Water Level (ft):	29.7
Flowing:	N	Test Drawdown Depth:	74.1
Test Hours:	4	Test Water Flow Rate:	20
Test Method:	TSTPUM	Well Grouted:	Y
Pump Capacity (gpm):	0	Elevation (ft):	0
Specific Capacity:	0.26990553	Rock Top (ft):	0

**AE104**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000704112**

Well ID:	64000005603	Permit #:	64-05206
Owner:	BRETT CHASE	Well Depth (ft):	75
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20051010
Casing Type:	Steel-Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	70
Screen Start Depth (ft):	70	Screen End Depth (ft):	75
Static Water Level (ft):	36	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	2
Test Water Flow Rate:	30	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0.42857143
Rock Top (ft):	0		

**AD105**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000702727**

Well ID:	64000004040	Permit #:	640003071
Owner:	SHANE & DEE ANN HASTY	Well Depth (ft):	72
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1743	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20020208

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	63
Screen Start Depth (ft):	62	Screen End Depth (ft):	72
Static Water Level (ft):	42	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	18	Test Method:	TSTPUM
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0.3
Rock Top (ft):	0		

**AD106**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703794**

Well ID:	64000005255	Permit #:	640004845
Owner:	ALBERT SCHUCHARDT	Well Depth (ft):	90
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	41-1987	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050505
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	80
Screen Start Depth (ft):	80	Screen End Depth (ft):	90
Static Water Level (ft):	38	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**AA107**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000705144**

Well ID:	64000006768	Permit #:	640007281
Owner:	Longcore, Ron	Well Depth (ft):	168
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20111222
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	160
Screen Start Depth (ft):	160	Screen End Depth (ft):	168
Static Water Level (ft):	70	Flowing:	N
Test Drawdown Depth:	85	Test Hours:	2
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**108**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000703377**

Well ID:	64000004766	Permit #:	640004092
Owner:	KEVIN KECK	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	53-1917	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20031209
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	180
Screen Start Depth (ft):	170	Screen End Depth (ft):	180
Static Water Level (ft):	78	Flowing:	N
Test Drawdown Depth:	85	Test Hours:	2
Test Water Flow Rate:	35	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	25
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**109**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000702337**

Well ID:	64000003647	Permit #:	64-02329
Owner:	Steven Clark	Well Depth (ft):	104
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-1587	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20001026
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	104
Screen Start Depth (ft):	94	Screen End Depth (ft):	104
Static Water Level (ft):	61	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**AC110**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI5000000706308**

Well ID:	64000008027	Permit #:	Not Reported
Owner:	CITY OF HART	Well Depth (ft):	400
Well Type:	Test Well	Other Type Info:	Not Reported
Well Status:	Plugged/Abandoned	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	70-2584	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20190913

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing Type:	NONE	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	0
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	0	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	OTH
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**111**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MI WELLS      MI500000700592**

Well ID:	6400001741	Permit #:	Not Reported
Owner:	VEURINK, JERRY	Well Depth (ft):	105
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	64-0407	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19700917
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	100
Screen Start Depth (ft):	100	Screen End Depth (ft):	105
Static Water Level (ft):	65	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	55	Test Method:	UNK
Well Grouted:	N	Pump Capacity (gpm):	0
Elevation (ft):	699	Specific Capacity:	0
Rock Top (ft):	0		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**

**North**  
**1/2 - 1 Mile**

**OIL\_GAS MIOG12000066991**

API Well #:	21127611307000	Permit #:	GT1597
Completion:	0	Well Type:	Not Reported
Well Status:	Plugging Approved	Bore Type:	Mineral (Non-Confidential)
Slant:	V	Total Depth Drilled:	0
True Vertical Depth:	0	Deepest Formation:	Not Reported
Formation Tops:	Not Reported	Field Name:	Not Reported
Production Formation:	Not Reported	Production Unit #:	Not Reported
Lease Name:	Anna Foster Et Al	Well #:	1
Operator #:	472		
Company Name:	Carter Oil Co		
Surface Owner:	Not Reported	State Owned Land:	0
Federally Owned Land:	0	Permit Date:	Not Reported
Plug Date:	Not Reported	H2S Concentration:	0

**2**

**West**  
**1/2 - 1 Mile**

**OIL\_GAS MIOG12000067062**

API Well #:	21127612037000	Permit #:	GT1715
Completion:	0	Well Type:	Not Reported
Well Status:	Plugging Approved	Bore Type:	Mineral (Non-Confidential)
Slant:	V	Total Depth Drilled:	0
True Vertical Depth:	0	Deepest Formation:	Not Reported
Formation Tops:	Not Reported	Field Name:	Not Reported
Production Formation:	Not Reported	Production Unit #:	Not Reported
Lease Name:	George C. Brandel	Well #:	1
Operator #:	472		
Company Name:	Carter Oil Co		
Surface Owner:	Not Reported	State Owned Land:	0
Federally Owned Land:	0	Permit Date:	Not Reported
Plug Date:	Not Reported	H2S Concentration:	0



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: MI Radon

### Radon Test Results

Zipcode	Test Date	LT Sign	Result
49420	2/2/2007	<	0.3
49420	11/14/1997	<	0.3
49420	11/5/2005	<	0.3
49420	11/5/2005	<	0.3
49420	11/18/2005	<	0.3
49420	10/25/2006	<	0.3
49420	4/20/1996	<	0.3
49420	1/26/2004	<	0.3
49420	1/14/2006		0.5
49420	1/29/2007		0.5
49420	2/19/2007		0.5
49420	1/28/2008		0.5
49420	3/23/2007		0.5
49420	11/4/2002	<	0.3
49420	4/16/2003	<	0.3
49420	1/31/2006	<	0.3
49420	1/25/2006	<	0.3
49420	1/31/2005	<	0.3
49420	7/15/2006	<	0.3
49420	11/6/2008	<	0.3
49420	2/9/2002	<	0.3
49420	1/31/2006	<	0.3
49420	9/5/2007	<	0.3
49420	11/12/1996	<	0.3
49420	11/5/1996	<	0.3
49420	12/10/2005	<	0.3
49420	3/12/2004	<	0.3
49420	12/6/2005	<	0.3
49420	1/11/1999	<	0.3
49420	2/14/2009		1.0
49420	11/17/1998		0.8
49420	2/25/1999		0.9
49420	3/8/2004		0.7
49420	11/3/2003		0.9
49420	1/28/2006		0.6
49420	1/24/2006		0.8
49420	1/31/2008		0.7
49420	11/2/2005		0.9
49420	11/14/2007		0.6
49420	4/3/2007		0.6
49420	3/1/2005		0.9
49420	2/28/2005		0.9
49420	1/24/2006		0.9
49420	2/12/2001		0.6
49420	2/14/2001		0.8
49420	1/24/2009		0.7
49420			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	2/20/2009	0.6
49420	1/30/2009	0.8
49420	1/20/2009	0.8
49420	9/15/1994	0.9
49420	3/6/2009	0.6
49420	2/26/2009	0.6
49420	1/31/2009	0.8
49420	3/5/2009	0.8
49420	3/27/2009	0.9
49420	11/5/1996	0.7
49420	10/16/2001	0.5
49420	1/28/2002	0.5
49420	11/18/2002	0.6
49420	3/9/2009	1.6
49420	11/10/1997	1.5
49420	11/6/1997	1.5
49420	1/30/2001	1.6
49420	2/2/2007	1.5
49420	11/4/2002	1.5
49420	11/8/2003	1.4
49420	3/5/2009	1.5
49420	5/26/2009	1.4
49420	2/28/2006	1.4
49420	10/28/2006	1.3
49420	11/1/2008	1.3
49420	12/8/1997	1.3
49420	1/12/2002	1.3
49420	11/10/2005	1.3
49420	1/15/2005	1.3
49420	12/6/1999	1.3
49420	2/7/2001	1.2
49420	11/9/1996	1.1
49420	11/12/1996	1.1
49420	1/27/1999	1.1
49420	2/12/2009	1.2
49420	1/27/1997	1.1
49420	11/30/1993	1.1
49420	2/5/2007	1.1
49420	2/5/2007	1.1
49420	3/10/2003	1.0
49420	1/21/2002	1.0
49420	11/5/2003	1.0
49420	11/30/1993	1.0
49420	2/9/2009	1.0
49420	1/20/2007	1.0
49420	10/30/2007	1.0
49420	11/1/2002	1.9
49420	11/14/2002	1.8
49420	1/29/2001	1.9
49420	1/31/2009	1.9
49420	12/29/2008	1.8
49420	1/14/2008	1.8
49420	2/11/2008	1.8
49420	2/7/2009	1.8
49420	11/2/2005	1.8
49420	11/12/1996	1.7
49420		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	2/2/2002		1.7
49420	10/23/2004		1.7
49420	4/20/2002		6.2
49420	11/4/2002		2.1
49420	4/30/2004		2.1
49420	3/1/2006		2.1
49420	2/19/2001		2.1
49420	11/4/1999		2.1
49420	3/31/2001		2.1
49420	2/13/2009		2.0
49420	4/20/2009		2.6
49420	2/1/2001		2.9
49420	11/6/1996		2.5
49420	6/1/2001		2.4
49420	11/7/2008		2.3
49420	2/2/2009		2.3
49420	5/24/2002		2.3
49420	2/6/2001		2.2
49420	1/28/2002		2.1
49420	11/1/2008		2.6
49420	6/13/2009		2.7
49420	2/17/2009	<	0.3
49420	2/21/2009	<	0.3
49420	2/23/2009	<	0.3
49420	11/30/1993	<	0.3
49420	2/13/2001		3.6
49420	2/12/2000	<	0.3
49420	2/3/2001	<	0.3
49420	3/5/2001	<	0.3
49420	3/5/2001	<	0.3
49420	11/2/1999		3.2
49420	2/9/2009		3.2
49420	12/2/1996		3.1
49420	6/22/2009	<	0.3
49420	1/23/2010	<	0.3
49420	1/20/2009	<	0.3
49420	1/24/2009	<	0.3

Federal EPA Radon Zone for OCEANA 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.

Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

The data in this file was obtained from Wellogis, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogis contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence. Locations of verified municipal and private water well sites compiled from Michigan Department of Public Health, Water Well and Pump Records. Available in the following MI counties: Calhoun, Eaton, Genesee, Ingham, Jackson, Kalamazoo, Kent, Midland, Muskegon, Oakland, Ottawa, Saginaw, St. Clair, Washtenaw.

## OTHER STATE DATABASE INFORMATION

#### Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Telephone: 517-241-1528

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

### RADON

#### State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551

Radon Test Results

#### Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

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

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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# Appendix 8

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# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2520-0049  
APPROVAL EXPIRES 6-30-86

RECEIVED

MAY 05 1986

I.D. Number

STATE USE ONLY

017953

Date Received

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means --

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Countrymark, Inc.

Street Address

3 E. Main

County

Oceana

City

Hart

State

Mi.

ZIP Code

49420

Area Code

616

Phone Number

873-2158

Type of Owner (Mark all that apply )

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no. \_\_\_\_\_)

Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable  
Same

Street Address or State Road, as applicable

County

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

2

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

Donald Walsworth

Job Title

Mgr.

Area Code

616

Phone Number

873-2158

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

DONALD WALSWORTH

Signature

Donald Walsworth

Date Signed

5-2-86

CONTINUE ON REVERSE SIDE



017323

RECEIVED  
MAY 2 1986  
GOD COMPLIANCE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.
<b>1. Status of Tank</b> (Mark all that apply <input type="checkbox"/> ) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	15	15			
<b>3. Estimated Total Capacity (Gallons)</b>	550	550			
<b>4. Material of Construction</b> (Mark one <input type="checkbox"/> ) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify _____	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>5. Internal Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify _____	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>6. External Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>7. Piping</b> (Mark all that apply <input type="checkbox"/> ) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>8. Substance Currently or Last Stored In Greatest Quantity by Volume</b> (Mark all that apply <input type="checkbox"/> ) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify _____ c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>

017953

017953





JOHN ENGLER, GOVERNOR  
DEPARTMENT OF STATE POLICE  
COL. MICHAEL D. ROBINSON, DIRECTOR

FIRE MARSHAL DIVISION  
HAZARDOUS MATERIALS SECTION  
3705 WEST JOLLY ROAD  
P.O. BOX 30157  
LANSING, MICHIGAN 48909  
PHONE: 517 334-7079  
FAX: 517 882 0150

Date: 2-25-91

DON WALSWORTH  
COUNTRYMARK INC.  
3 E. MAIN ST.  
HART, MI 49420

Re: Site Assessment Report  
ID # 17953

Dear MR. WALSWORTH:

This letter is in reference to the lab analysis submitted for the  
REMOVAL OF 2-550 GALLON UST'S.

The test methodology and level of detection of the methodology are  
ADEQUATE. The contaminant concentrations are below the  
threshold detection levels and there is no evidence of a confirmed release.  
Based on the submitted information, no further information/action is  
required.

If you have any further questions, please contact me at (517) 334-7079.

Sincerely,

Capt. Wade E. Schaefer  
State Fire Marshal

*Andrea R. Zajac*

Andrea R. Zajac, Manager  
Technical Review Unit

ARZ:s



# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

FOR TANKS IN MI

RETURN COMPLETED FORM TO

Department of State Police  
Fire Marshal Division (USF)  
7150 Harris Drive  
Lansing, MI 48913  
For information: 1-800-MICH-UST

NOV 05 1990

I.D. Number **17953**  
Date Received **12/11/90 ekm**

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(u) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

## HAZARDOUS MATERIALS SECTION

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)  
~~XXXXXXXXXXXX~~ **Countrymark, Inc.**  
Street Address  
**3 East Main Street**  
County  
**Oceana**  
City State ZIP Code  
**Hart MI 49420**  
Area Code Phone Number  
**616 873-2158**

Type of Owner (Mark all that apply )

- Current  State or Local Gov't  Private or Corporate  
 Former  Federal Gov't (GSA facility I.D. no.)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )  
Facility Name or Company Site Identifier, as applicable  
**Country Mark**  
Street Address or State Road, as applicable  
County  
City (nearest) State ZIP Code

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ) Job Title Area Code Phone Number  
**Don Walsworth MGR. 616 873-2158**

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative Signature Date Signed  
**Don Walsworth, MGR. Donald Walsworth 10-31-90**

CONTINUE ON REVERSE SIDE

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No.	Tank No.	Tank No.	Tank No.	Tank No.
<b>1. Status of Tank</b> (Mark all that apply <input checked="" type="checkbox"/> )					
Currently in Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporarily Out of Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanently Out of Use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brought into Use after 5/8/86	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	20	20			
<b>3. Estimated Total Capacity (Gallons)</b>	500	500			
<b>4. Material of Construction</b> (Mark one <input checked="" type="checkbox"/> )					
Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please Specify					
<b>5. Internal Protection</b> (Mark all that apply <input checked="" type="checkbox"/> )					
Cathodic Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior Lining (e.g., epoxy resins)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please Specify					
<b>6. External Protection</b> (Mark all that apply <input checked="" type="checkbox"/> )					
Cathodic Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Painted (e.g., asphaltic)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic Coated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please Specify					
<b>7. Piping</b> (Mark all that apply <input checked="" type="checkbox"/> )					
Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please Specify					
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input checked="" type="checkbox"/> )					
<b>a. Empty</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>b. Petroleum</b>					
Diesel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasoline (including alcohol blends)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please Specify					
<b>c. Hazardous Substance</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No.					
Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>d. Unknown</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b>					
a. Estimated date last used (mo/yr)	10 / 88	9 / 90	/	/	/
b. Estimated quantity of substance remaining (gal.)	MT	MT			
c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17953 1782

MICHIGAN STATE POLICE FIRE MARSHAL DIVISION  
UST PROGRAM  
NOTIFICATION OF UST REMOVAL/CLOSURE  
Sec. 280.71(a) EPA Rules

Date Received 8/20/90 Person Receiving Information Jmi

Facility ID Number \_\_\_\_\_

Location of Tanks

Company Name Countrymark, Inc. Hart Farm Center

Address 3 E. Main St.

City/State/Zip Hart, 49420

County Oceana Township \_\_\_\_\_

Contact Person Don Walsworth Phone \_\_\_\_\_

Company Mailing Address same

Tank Information

Date Tanks are to be Removed 9/20/90

Number of Tanks to be Removed 2

Capacity/Product Stored:

1 550 \_\_\_\_\_ 2 550 \_\_\_\_\_ 3 \_\_\_\_\_

4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_

Company Doing Removal

Name unknown

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Copy of this Form Sent To: DNR (field)  FD (information only) \_\_\_\_\_

Confirmation letter Sent (owner/operator): Date 8-27-90

Site Assessment Received 11-5-90

\*\*\*\*INTERNAL USE ONLY\*\*\*\*

August 15 1990

Michigan State Fire Marshall  
Underground Storage Tank Program  
7150 Harris Dr.  
Lansing, MI 48913



Dear Sirs:

We would like to remove two 550 gallon fuel tanks at our location. The tanks are registered. I understand we have a thirty day waiting period before the tanks can be removed. We will hire an approved firm for the removal.

Sincerely

*Don Walsworth*

Don Walsworth  
Countrymark Inc.  
Hart Farm Center  
3 E. Main St.  
Hart, MI 49420





Vertical text or markings on the left side of the page, possibly bleed-through from the reverse side.



9/20/90

October 16, 1990

Ms. Terry Harmon  
Michigan Department of State Police  
Fire Marshal Division  
P.O. Box 30157  
Lansing, MI 48909

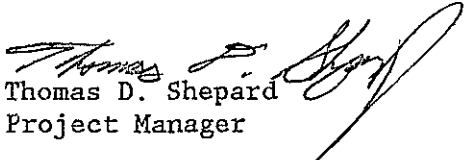
Dear Ms. Harmon:

Enclosed is the excavation zone assessment report and EPA Form 7530 for the permanent closure of two UST's at the Country Mark facility located in Hart, Michigan.

If you have any questions or concerns regarding this information, please do not hesitate to contact me at (616) 845-0371.

Sincerely,

ASI Environmental Technologies

  
Thomas D. Shepard  
Project Manager

mlt

Enclosures



COUNTRY MARK  
3 EAST MAIN STREET  
HART, MICHIGAN

UNDERGROUND STORAGE TANK  
CLOSURE  
EXCAVATION ZONE  
ASSESSMENT REPORT

OCTOBER 1990

MICHIGAN STATE POLICE  
**RECEIVED**  
NOV 05 1990  
FIRE MARSHAL DIVISION  
HAZARDOUS MATERIALS SECTION

Prepared for: Mr. Don Walsworth  
Country Mark  
3 East Main Street  
Hart, Michigan 49420

Prepared by: ASI Environmental Technologies  
1100 Conrad Industrial Drive  
P.O. Box 649  
Ludington, MI 49431



COUNTRY MARK  
3 EAST MAIN ST.  
HART, MICHIGAN

UNDERGROUND STORAGE TANK CLOSURE  
EXCAVATION ZONE  
ASSESSMENT REPORT

October 1990

On October 2, 1990 ASI Environmental Technologies performed the project management activities associated with the underground storage tank (UST) closure operation at the Country Mark facility located in Hart, Michigan.

ASI performed the excavation zone assessment for the permanent closure of two 500-gallon UST's which were formerly used to store gasoline and diesel fuel. The excavation zone was approximately 12 feet long, 8 feet wide and 5 feet deep. The two tanks were situated end for end with the gasoline tank being the furthest north. Both tanks measured 48 inches in diameter and 67 inches in length. Examination of the tanks showed no evidence of structural failure or significant corrosion sufficient enough to cause product release and subsequent contamination.

Assessment of the excavation zone included visual observations, HNU Photoionization Detector (PID) measurements and collection of three soil samples from the excavation floor. Inspection of the soils from the excavation zone showed no presence of staining or any other indication of product release. PID



measurements within the excavation zone were all nondetectable on the most sensitive scale (0-20 units).

The three soil samples collected from the excavation zone were in line with the centers of the two tanks, with one sample at each end of the excavation and one at the center where the two tanks met. Samples were collected at a depth of 5 feet. Sample collection was performed in accordance with EPA methods outlined in SW 846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 2nd Edition, 1982 as amended. The samples were then placed on ice, transported to the ASI Laboratory and analyzed for MDNR Scan 2 constituents (benzene, toluene, ethylbenzene and xylenes - BTEX).

The analytical results indicate nondetectable levels of MDNR Scan constituents at all three sample locations as shown in the attached analytical report with reference number 02853. Therefore, a clean closure was obtained.

This report fulfills the site assessment requirements at the time of closure and closure record requirements. It must be kept on file for at least 3 years as specified in 40 CFR, Part 280, Subpart G, Sections .72 and .74, respectively.



SCAN 2  
VOLATILE AROMATIC HYDROCARBONS SCANS

CLIENT: Country Mark  
PROJECT: UST Closure  
ASI REF. NO.: 02853  
SAMPLED BY: ASI - TDS  
DESCRIPTION: Soil Sample  
ANALYST: EE


DATE SAMPLED: 10/02/90  
DATE RECEIVED: 10/02/90  
DATE FINISHED: 10/06/90  
REPORT DATE: 10/09/90

ASI SAMPLE I.D.: 3758  
CLIENT SAMPLE I.D.: SS#1

---

BENZENE ..... ND  
TOLUENE ..... ND  
ETHYLBENZENE ..... ND  
XYLENES (Total) ..... ND

ND = Non Detectable  
Detection Limit = 8 ug/kg  
All results are in ug/kg



Gerald T. Skar  
Laboratory Director

cpr



SCAN 2  
VOLATILE AROMATIC HYDROCARBONS SCANS

CLIENT: Country Mark  
PROJECT: UST Closure  
ASI REF. NO.: 02853  
SAMPLED BY: ASI - TDS  
DESCRIPTION: Soil Sample  
ANALYST: EE

DATE SAMPLED: 10/02/90  
DATE RECEIVED: 10/02/90  
DATE FINISHED: 10/06/90  
REPORT DATE: 10/09/90

ASI SAMPLE I.D.: 3759  
CLIENT SAMPLE I.D.: SS#2

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BENZENE ..... ND  
TOLUENE ..... ND  
ETHYLBENZENE ..... ND  
XYLENES (Total) ..... ND

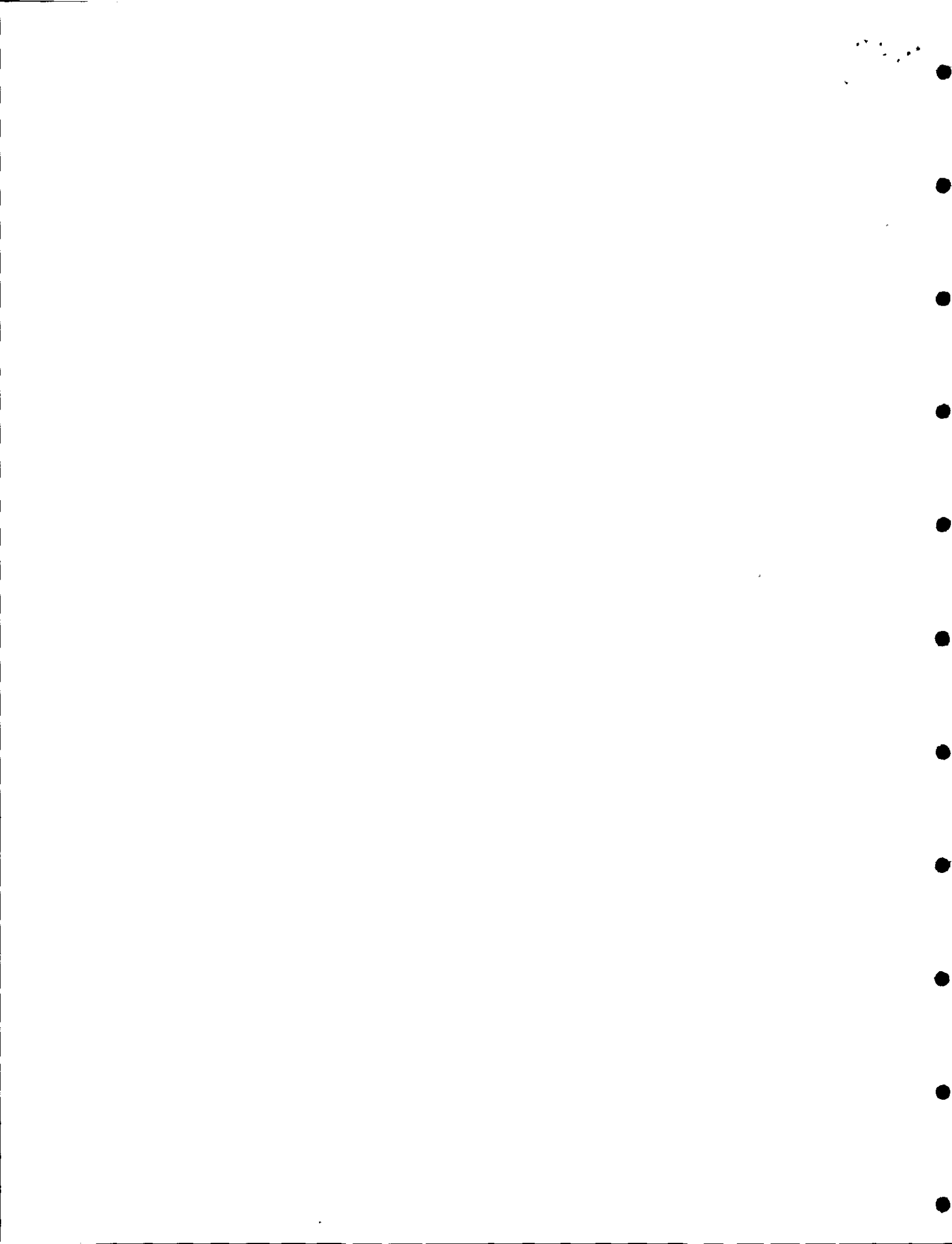
ND = Non Detectable  
Detection Limit = 8 ug/kg  
All results are in ug/kg



Gerald T. Skar  
Laboratory Director

cpr







SCAN 2  
VOLATILE AROMATIC HYDROCARBONS SCANS

CLIENT: Country Mark  
PROJECT: UST Closure  
ASI REF. NO.: 02853  
SAMPLED BY: ASI - TDS  
DESCRIPTION: Soil Sample  
ANALYST: EE

DATE SAMPLED: 10/02/90  
DATE RECEIVED: 10/02/90  
DATE FINISHED: 10/06/90  
REPORT DATE: 10/09/90

ASI SAMPLE I.D.: 3760  
CLIENT SAMPLE I.D.: SS#3

=====

BENZENE ..... ND  
TOLUENE ..... ND  
ETHYLBENZENE ..... ND  
XYLENES (Total) ..... ND

ND = Non Detectable  
Detection Limit = 8 ug/kg  
All results are in ug/kg



Gerald T. Skar  
Laboratory Director

cpr





JOHN ENGLER, GOVERNOR  
**DEPARTMENT OF STATE POLICE**  
 COL. MICHAEL D. ROBINSON, DIRECTOR

**FIRE MARSHAL DIVISION**  
 HAZARDOUS MATERIALS SECTION  
 3766 WEST JOLLY ROAD  
 P.O. BOX 34157  
 LANSING, MICHIGAN 48209  
 PHONE: 517 334-7078  
 FAX: 517 332-6188

Date: 2-25-91

DON WALSWORTH  
COUNTRYMARK INC.  
3 E. MAIN ST.  
HART, MI 49420

KC JUN 06 1991

Re: Site Assessment Report  
 ID # 17953

Dear Mr. WALSWORTH:

This letter is in reference to the lab analysis submitted for the  
REMOVAL OF 2-550 GALLON UST's

The test methodology and level of detection of the methodology are  
ADEQUATE. The contaminant concentrations are below the  
 threshold detection levels and there is no evidence of a confirmed release.  
 Based on the submitted information, no further information/action is  
 required.

If you have any further questions, please contact me at (517) 334-7079.

Sincerely,

Capt. Wade E. Schaefer  
 State Fire Marshal

*Andrea R. Zajac*

Andrea R. Zajac, Manager  
 Technical Review Unit

ARZ:s



Michigan State Police  
 Fire Marshal Division  
 Hazardous Materials Section  
 3705 W. Jolly Rd.  
 P.O. Box 30157  
 Lansing, MI 48909  
 (517) 334-7079

\*\*\*\*\*  
 \* INVOICE \*  
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May 15, 1991

Page 1 of 1

ANNUAL UST REGISTRATION FEE FOR BILLING CYCLE ENDING 02-28-92

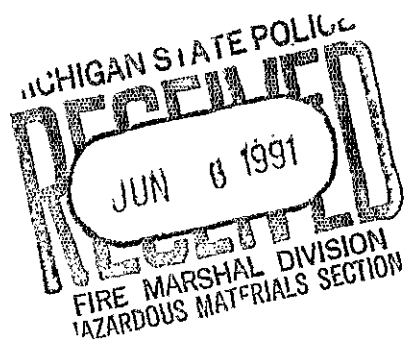
```

=====
TO:                               LOCATION ADDRESS:
COUNTRYMARK, INC.                COUNTRYMARK, INC.
3 E. MAIN                        3 E. MAIN
HART, MI 49420                  HART, MI 49420
RE: COUNTRYMARK, INC.
=====
  
```

Annual renewal of tanks on record as of 4/17/91. Required by P.A. 423 of 1984, as amended. Failure to pay may subject you to the following penalty: misdemeanor, punishable by imprisonment and/or fines; civil penalties; and may also make you ineligible for access to MUSTFA funds. Please see enclosed letter for an explanation. FM-20 (4/91)

Facility #	Tank #	Description	Cost
0-017953	1	550 Gal - Perm. Out of Use	\$100.00
0-017953	2	550 Gal - Perm. Out of Use	\$100.00

These tanks were removed in Oct. of 1990  
 See enclosure



Number of Eligible Tanks:	2	Registration Fee:	\$ 200.00
Total Number of Tanks:	2	Late Fee:	
		Amount Received:	
		Amount Due:	\$ 200.00

Make Checks Payable to: State of Michigan  
 Payment Due on or Before: JUNE 30, 1991

SECRET  
NO FORN DISSEM  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION  
PROCESS

SECRET  
NO FORN DISSEM

CONFIDENTIAL

CONFIDENTIAL - SECURITY INFORMATION

CONFIDENTIAL - SECURITY INFORMATION  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION  
PROCESS

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CONFIDENTIAL - SECURITY INFORMATION  
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DECLASSIFICATION  
PROCESS

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CONFIDENTIAL - SECURITY INFORMATION  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION  
PROCESS

Michigan State Police  
Fire Marshal Division  
Hazardous Materials Section  
3705 W. Jolly Rd.  
P.O. Box 30157  
Lansing, MI 48909  
(517) 334-7079

\*\*\*\*\*  
\* INVOICE \*  
\*\*\*\*\*

May 15, 1991

Page 1 of 1

- ANNUAL UST REGISTRATION FEE FOR BILLING CYCLE ENDING 02-28-92

TO:	LOCATION ADDRESS:
COUNTRYMARK, INC.	COUNTRYMARK, INC.
3 E. MAIN	3 E. MAIN
HART, MI 49420	HART, MI 49420
RE: COUNTRYMARK, INC.	

~~Annual renewal of tanks on record as of 4/17/91. Required by P.A. 423 of 1984,~~  
as amended. Failure to pay may subject you to the following penalty:  
misdemeanor, punishable by imprisonment and/or fines; civil penalties; and may  
also make you ineligible for access to MUSTFA funds. Please see enclosed  
letter for an explanation. FM-20 (4/91)

Facility #	Tank #	Description	Cost
0-017953	1	550 Gal - Perm. Out of Use	\$100.00
0-017953	2	550 Gal - Perm. Out of Use	\$100.00

These tanks were removed in Oct. of 1990  
See enclosure

Number of Eligible Tanks:	2	Registration Fee:	\$ 200.00
Total Number of Tanks:	2	Late Fee:	
		Amount Received:	
		Amount Due:	\$ 200.00

Make Checks Payable to: State of Michigan  
Payment Due on or Before: JUNE 30, 1991

10

Michigan State Police  
 Fire Marshal Division  
 Hazardous Materials Section  
 3705 W. Jolly Rd.  
 P.O. Box 30157  
 Lansing, MI 48909  
 (800) 642-4878

\*\*\*\*\*  
 \* INVOICE \*  
 \*\*\*\*\*

June 28, 1990

Page 1 of 1

Fee for Underground Storage Tank registrations received on or before 3-31-90.

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|TO:                               |PLEASE RETURN TO:
|COUNTRYMARK, INC.                |Michigan State Police
|3 E. MAIN                         |Fire Marshal Division
|HART, MI 49420                    |Hazardous Materials Section
|RE: COUNTRYMARK, INC.            |3705 W. Jolly Rd.
|                                   |P.O. Box 30157
|                                   |Lansing, MI 48909
=====
  
```

If there are no changes that need to be made on the registration form, timely payment and return of this invoice will suffice as your FY 1990 (10-1-89 to 9-30-90) annual renewal of your USTs, as required under P.A. 423 of 1984, as amended. Payment due July 30, 1990. For more details, see the enclosed information.

Facility #	Tank #	Description	Cost
0-017953	1	550 Gal - Diesel	\$100.00
0-017953	2	550 Gal - Gasoline	\$100.00



*ck # 27178*  
**PAID**

Number of Eligible Tanks:	2	Registration Fee:	\$ 200.00
Total Number of Tanks:	2	Late Fee:	
		Amount Received:	
		Amount Due:	\$ 200.00

Make Checks Payable to: State of Michigan  
 Payment Due on or Before: JULY 30, 1990

Michigan State Police  
 Fire Marshal Division  
 Hazardous Materials Section  
 3752 W. Jolly Rd.  
 P.O. Box 30157  
 Lansing, MI 48909  
 (517) 487-4378

\*\*\*\*\*  
 \* INVOICE \*  
 \*\*\*\*\*

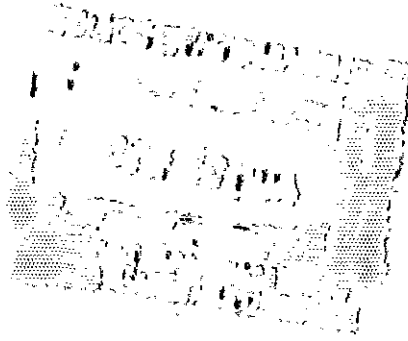
June 22, 1992

Fee for Underground Storage Tank registrations received on or before 3-31-92.

TO: COUNTRYMARK, INC.  
 3 E. MAIN  
 LANSING, MI 48909  
 FROM: COUNTRYMARK, INC.  
 3752 W. JOLLY RD.  
 P.O. BOX 30157  
 LANSING, MI 48909  
 PLEASE RETURN TO:  
 Michigan State Police  
 Fire Marshal Division  
 Hazardous Materials Section

If there are no changes that need to be made on the registration forms timely payment and return of this invoice will suffice as your FY 1992 (10-1-89 to 9-30-91) annual renewal of your USTs as required under P.A. 423 of 1984, as amended. Payment due July 31, 1992. For more details see the enclosed information.

Facility & Tank #	Description	Cost
0-017953 1	250 Gal - Diesel	\$100.00
0-017953 2	250 Gal - Gasoline	\$100.00



Payment Due on or Before: JULY 31, 1992  
 Make Checks payable to: State of Michigan

Amount Due: \$ 500.00	Amount Received:
Registration Fee: \$ 200.00	Late Fee:
	Number of Eligible Tanks: 2
	Total Number of Tanks: 2



COUNTRYMARK, INCORPORATED

7-30-90

DETACH AND RETAIN THIS STATEMENT

H-7660

\$200.00

Fuel tank Registration

**CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY**

This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$200 per day for each tank for which notification is not given or for which false information is submitted.

OWNER NAME <i>North Central Co-op</i>		LOCATION NAME OR SITE IDENTIFIER	FACILITY ID NUMBER <i>92085089</i>
OWNER ADDRESS <i>3 E. MAIN ST.</i>		FACILITY STREET ADDRESS (P.O. BOX NOT ACCEPTABLE)	
CITY <i>Hant</i>	CITY	ZIP CODE	
STATE <i>MI</i>	ZIP CODE <i>49420</i>	AREA CODE & TELEPHONE NUMBER	
AREA CODE & TELEPHONE NUMBER <i>231-742-0241</i>		CONTACT PERSON (AT LOCATION) <i>Rodney Stevens</i>	
<u>TYPE OF FACILITY</u> <input type="checkbox"/> Flammable or Combustible Liquids Storage <input checked="" type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas <input type="checkbox"/> Hydrogen Storage		<u>TYPE OF REPORT</u> <input type="checkbox"/> New Owner <input checked="" type="checkbox"/> Closure of Facility (All Storage) <input type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service	

**TANKS OUT-OF-USE OR CHANGE-IN-SERVICE**

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
	<i>1</i>				
CAPACITY OF TANK	<i>500 gal</i>				
PRODUCT STORED	<i>LPG</i>				
INSERT DATE IN ALL BOXES THAT APPLY					
A. DATE TANK WAS REMOVED FROM PREMISES					
B. DATE TANK WAS EMPTIED AND CLEANED	<i>11-2-20</i>				
C. DATE PIPING TO TANK WAS DISCONNECTED					
D. DATE TANK WAS CHANGED TO NONREGULATED SUBSTANCE					
E. DATE TANK WAS RETURNED TO REGULATED STORAGE					
F. DATE TANK UPGRADE REQUIREMENTS WERE MET (FL/CL)					

**CERTIFICATION**

(Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Name & Official Title of Owner/Owner's Authorized Representative (PRINT) <i>Rodney Stevens Location Manager</i>	Signature <i>Rodney Stevens</i>	Date <i>11-13-20</i>
COMMENTS AND/OR CLARIFICATION <i>Filling station will no longer be in use due to the closure of the plant location the fill station will be sold</i>		

**MAIL to:**

Department of Licensing and Regulatory Affairs  
Bureau of Fire Services, Storage Tank Division  
P.O. Box 30033  
Lansing, MI 48909

**OVERNIGHT MAIL to:**

Department of Licensing and Regulatory Affairs  
Bureau of Fire Services, Storage Tank Division  
P.O. Box 30033  
Lansing, MI 48909



STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS  
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

**FACILITY INSPECTION REPORT**

Owner Name & Address:

North Central Co-op  
3 E. Main St.  
Hart, MI, 49420

Location of Tanks:

North Central Co-op Inc  
3 MAIN E  
HART, MI, 49420-1129  
County - OCEANA  
Facility ID - 92085089

ATTENTION: North Central Co-op

A(n) Site Inspection was conducted on Wednesday, July 11, 2018, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2014 AACRS R 29.6101 et seq. The inspection result is: Pending Inspection Report.

Result Comments:

On this date July 11, 2018 during a site inspection it was noted HSMI was called to look at a new LP dispenser location on the same property. There were no apparent issues with possible location(s) discussed at this time.

The Inspection and violations (if any) were discussed with Denny at the time of the inspection.

Documentation shall be furnished to the office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by . If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Act 207, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

If you have additional questions concerning this matter, please contact me.

Karl Read

07/11/2018

Date

Karl Read  
Hazardous Materials Storage Inspector  
Region 3  
PO Box 30033  
Lansing, MI 48909  
Phone: 989-255-3912  
Fax: (517) 332-1428  
Email: readk@michigan.gov



STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS  
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

**FACILITY INSPECTION REPORT**

Owner Name & Address:

North Central Co-op  
3 E. Main St.  
Hart, MI, 49420

Location of Tanks:

North Central Co-op Inc  
3 MAIN E  
HART, MI, 49420-1129  
County - OCEANA  
Facility ID - 92085089

ATTENTION: North Central Co-op

A(n) Re-Inspection was conducted on Thursday, August 31, 2017, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2014 AACRS R 29.6101 et seq. The inspection result is: Facility is Certified.

The Inspection and violations (if any) were discussed with Rodney at the time of the inspection

If you have additional questions concerning this matter, please contact me.

Karl Read

8/31/2017

Date

Karl Read  
Hazardous Materials Storage Inspector  
Region 3  
PO Box 30033  
Lansing, MI 48909  
Phone: 989-255-3912  
Fax: (517) 332-1428  
Email: readk@michigan.gov

JNT 6-12-17

**CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY**

This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$200 per day for each tank for which notification is not given or for which false information is submitted

OWNER NAME <b>Suburban Propane</b>		LOCATION NAME OR SITE IDENTIFIER <b>North Central Cooperative</b>		FACILITY ID NUMBER <b>92085089</b>	
OWNER ADDRESS <b>1535 S. WALKER Rd</b>		FACILITY STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) <b>3 EAST MAZIN Street</b>			
CITY <b>Muskegon</b>		CITY <b>Hunt MI</b>		ZIP CODE <b>49420</b>	
STATE <b>MI</b>	ZIP CODE <b>49442</b>	AREA CODE & TELEPHONE NUMBER <b>231-873-2158</b>			
AREA CODE & TELEPHONE NUMBER <b>1-616-831-0530</b>		CONTACT PERSON (AT LOCATION) <b>STAN HALLACK</b>			
TYPE OF FACILITY <input type="checkbox"/> Flammable or Combustible Liquids Storage <input checked="" type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas <input type="checkbox"/> Hydrogen Storage			TYPE OF REPORT <input type="checkbox"/> New Owner <input type="checkbox"/> Closure of Facility (All Storage <input checked="" type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service		

**ENTERED**  
 OCT 10 2017  
 BUREAU OF FIRE SERVICES

**TANKS OUT-OF-USE OR CHANGE-IN-SERVICE**

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
	<b>65E046779</b>				
CAPACITY OF TANK	<b>500</b>				
PRODUCT STORED	<b>Propane</b>				
INSERT DATE IN ALL BOXES THAT APPLY					
A. DATE TANK WAS REMOVED FROM PREMISES	<b>4-19-17</b>				
B. DATE TANK WAS EMPTIED AND CLEANED					
C. DATE PIPING TO TANK WAS DISCONNECTED					
D. DATE TANK WAS CHANGED TO NONREGULATED SUBSTANCE					
E. DATE TANK WAS RETURNED TO REGULATED STORAGE					
F. DATE TANK UPGRADE REQUIREMENTS WERE MET (FL/CL)					

**CERTIFICATION**

(Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Name & Official Title of Owner/Owner's Authorized Representative (PRINT) <b>Simon Myers ops manager</b>	Signature <i>[Signature]</i>	Date <b>5-24-17</b>
COMMENTS AND/OR CLARIFICATION <b>please update (they own the tank)</b>		

**MAIL to:**

Department of Licensing and Regulatory Affairs  
 Bureau of Fire Services, Storage Tank Division  
 P.O. Box 30033  
 Lansing, MI 48909

**OVERNIGHT MAIL to:**

Department of Licensing and Regulatory Affairs  
 Bureau of Fire Services, Storage Tank Division  
 3101 Technology Boulevard, Suite H  
 Lansing, MI 48910

*(2nd notice)*



STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

North Central Co-op
3 E. Main St.
Hart, MI, 49420

Location of Tanks:

North Central Co-op Inc
3 MAIN E
HART, MI, 49420-1129
County - OCEANA
Facility ID - 92085089

ATTENTION: North Central Co-op

A(n) Re-Inspection was conducted on Thursday, June 29, 2017, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2014 AACR 29.6101 et seq. The inspection result is: Facility Temporarily Certified.

- 1 Documentation is required to be furnished showing that all persons who dispense liquid petroleum gas have been properly trained.
2 Fire extinguisher inspection tag does not show last inspection date, extinguisher shall be inspected and recertified.
3 Piping is showing signs of corrosion and shall be painted.

The Inspection and violations (if any) were discussed with Rodney at the time of the inspection

Documentation shall be furnished to the office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by 08/07/2017. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted.

If you have additional questions concerning this matter, please contact me.

Karl Read

6/29/2017

Date

Karl Read
Hazardous Materials Storage Inspector
Region 3
PO Box 30033
Lansing, MI 48909
Phone: 989-255-3912
Fax: (517) 332-1428
Email: readk@michigan.gov

**ENTERED**  
 JUL 14 2017  
 BUREAU OF FIRE SERVICES

**CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY**

This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

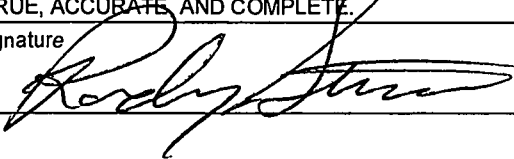
OWNER NAME <i>North Central Co-op</i>		LOCATION NAME OR SITE IDENTIFIER <i>North Central Co-op</i>	FACILITY ID NUMBER <i>92085089</i>
OWNER ADDRESS <i>3 E. MAIN ST.</i>		FACILITY STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) <i>3 E MAIN ST</i>	
CITY <i>Hant</i>	CITY <i>Hant</i>	ZIP CODE <i>49420</i>	
STATE <i>MI</i>	ZIP CODE <i>49420</i>	AREA CODE & TELEPHONE NUMBER <i>(231) 873-2158</i>	
AREA CODE & TELEPHONE NUMBER		CONTACT PERSON (AT LOCATION) <i>Rodney Stevens</i>	
<b>TYPE OF FACILITY</b> <input type="checkbox"/> Flammable or Combustible Liquids Storage <input checked="" type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas <input type="checkbox"/> Hydrogen Storage		<b>TYPE OF REPORT</b> <input checked="" type="checkbox"/> New Owner <input type="checkbox"/> Closure of Facility (All Storage) <input type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service	

**TANKS OUT-OF-USE OR CHANGE-IN-SERVICE**

TANK IDENTIFICATION NUMBER <i>6SE046779</i>	TANK # <i>1</i>	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK	<i>500 gal</i>				
PRODUCT STORED	<i>L.P. Gas</i>				
INSERT DATE IN ALL BOXES THAT APPLY					
A. DATE TANK WAS REMOVED FROM PREMISES					
B. DATE TANK WAS EMPTIED AND CLEANED					
C. DATE PIPING TO TANK WAS DISCONNECTED					
D. DATE TANK WAS CHANGED TO NONREGULATED SUBSTANCE					
E. DATE TANK WAS RETURNED TO REGULATED STORAGE	<i>4-20-17</i>				
F. DATE TANK UPGRADE REQUIREMENTS WERE MET (FL/CL)					

**CERTIFICATION**  
 (Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Name & Official Title of Owner/Owner's Authorized Representative (PRINT) <i>Rodney Stevens</i> <i>NCC Location Manager</i>	Signature 	Date <i>7-7-17</i>
COMMENTS AND/OR CLARIFICATION <i>Change of TANK ownership from Suburban to US North Central Co-op</i>		

**MAIL TO:**  
 Department of Licensing and Regulatory Affairs  
 Bureau of Fire Services, Storage Tank Division  
 P.O. Box 30700, Lansing, Michigan 48909

**OVERNIGHT MAIL TO:**  
 Department of Licensing and Regulatory Affairs  
 Bureau of Fire Services, Storage Tank Division  
 3101 Technology Boulevard, Suite H, Lansing, Michigan 48910

**ENTERED**  
**JUN 14 2017**  
BUREAU OF FIRE SERVICES

**CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY**

This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$200 per day for each tank for which notification is not given or for which false information is submitted.

OWNER NAME <b>Suburban Propane</b>		LOCATION NAME OR SITE IDENTIFIER <b>North Central Cooperative</b>	FACILITY ID NUMBER <b>92085089</b>
OWNER ADDRESS <b>1535 S. WALKER Rd</b>		FACILITY STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) <b>3 EAST MAZIN Street</b>	
CITY <b>Muskegon</b>	CITY <b>Hant MI</b>	ZIP CODE <b>49420</b>	
STATE <b>MI</b>	ZIP CODE <b>49442</b>	AREA CODE & TELEPHONE NUMBER <b>231-873-2158</b>	
AREA CODE & TELEPHONE NUMBER <b>1-616-831-0530</b>		CONTACT PERSON (AT LOCATION) <b>STAN Hallack</b>	
<b>TYPE OF FACILITY</b> <input type="checkbox"/> Flammable or Combustible Liquids Storage <input checked="" type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas <input type="checkbox"/> Hydrogen Storage		<b>TYPE OF REPORT</b> <input type="checkbox"/> New Owner <input type="checkbox"/> Closure of Facility (All Storage) <input checked="" type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service	

**RECEIVED**  
**JUN 14 2017**  
BUREAU OF FIRE SERVICES

**TANKS OUT-OF-USE OR CHANGE-IN-SERVICE**

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
	<b>65E046779</b>				
CAPACITY OF TANK	<b>500</b>				
PRODUCT STORED	<b>Propane</b>				
INSERT DATE IN ALL BOXES THAT APPLY					
A. DATE TANK WAS REMOVED FROM PREMISES	<b>4-19-17</b>				
B. DATE TANK WAS EMPTIED AND CLEANED					
C. DATE PIPING TO TANK WAS DISCONNECTED					
D. DATE TANK WAS CHANGED TO NONREGULATED SUBSTANCE					
E. DATE TANK WAS RETURNED TO REGULATED STORAGE					
F. DATE TANK UPGRADE REQUIREMENTS WERE MET (FL/CL)					

**CERTIFICATION**

(Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Name & Official Title of Owner/Owner's Authorized Representative (PRINT) <b>Simon Myers ops manager</b>	Signature <i>[Signature]</i>	Date <b>5-24-17</b>
COMMENTS AND/OR CLARIFICATION <b>please update (they own the tank)</b>		

**MAIL to:**

Department of Licensing and Regulatory Affairs  
Bureau of Fire Services, Storage Tank Division  
P.O. Box 30033  
Lansing, MI 48909

**OVERNIGHT MAIL to:**

Department of Licensing and Regulatory Affairs  
Bureau of Fire Services, Storage Tank Division  
3101 Technology Boulevard, Suite H  
Lansing, MI 48910





STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS  
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

North Central Co-op  
3 E. Main St.  
Hart, MI, 49420

Location of Tanks:

North Central Co-op Inc  
3 MAIN E  
HART, MI, 49420-1129  
County - OCEANA  
Facility ID - 92085089

ATTENTION: North Central Co-op

A(n) Triennial Inspection was conducted on Thursday, May 4, 2017, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2014 AACRS R 29.6101 et seq. The inspection result is: Facility Temporarily Certified.

- 1 Documentation is required to be furnished showing that all persons who dispense liquid petroleum gas have been properly trained.  
-Section 4.4.1 BFS CODE: L131  
Persons whose duties fall within the scope of this code shall be provided with training that is consistent with the scope of their job activities and that includes proper handling and emergency response procedures.
- 2 Fire extinguisher inspection tag does not show last inspection date, extinguisher shall be inspected and recertified.  
-Section 6.27.4.2 BFS CODE: L97  
Each industrial plant, bulk plant, and distributing point shall be provided with at least one approved portable fire extinguisher having a minimum capacity of 18 lb of dry chemical with a B:C rating.
- 3 Piping is showing signs of corrosion and shall be painted.  
-Section 6.9.3.11 BFS CODE: L63  
The portion of aboveground piping in contact with a support or a corrosion-causing substance shall be protected against corrosion.

The Inspection and violations (if any) were discussed with Rodney at the time of the inspection

Documentation shall be furnished to the office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by 07/05/2017. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Act 207, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

If you have additional questions concerning this matter, please contact me.

Karl Read

5/5/2017

Date

Karl Read  
Hazardous Materials Storage Inspector  
Region 3  
PO Box 30033  
Lansing, MI 48909  
Phone: 989-255-3912  
Fax: (517) 332-1428  
Email: readk@michigan.gov

A

92085089

**Steward, Jessica (LARA)**

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**ENTERED**  
**MAY 05 2017**  
**BUREAU OF FIRE SERVICES**

**From:** Read, Karl (LARA)  
**Sent:** Thursday, May 04, 2017 1:46 PM  
**To:** Steward, Jessica (LARA)  
**Subject:** Change of ownership

Good afternoon Jessica,

I have a AST L.P. facility that has just recently been purchased from Suburban Propane, purchaser is North Central CO-OP.

The tank purchased remains on the property without any changes to the equipment. I will have the CO-OP send in a change of Info sheet plus proof of purchase, but I need to have the name of the owner changed in order to complete the inspection report.

Facility # is 92085089

Purchaser is:

North Central Co-op

3 E. Main St

Hart MI. 49420

Ph. # 231-873-2158

Contact person: Rodney Stevens

If you have any questions feel free to contact me.

Thank you

Karl Read

Hazardous Materials Storage Inspector

Storage Tank Division

Phone: (989) -255-3912

Fax: (517) -332-1428

E- Mail: readk@michigan.gov



92085089

RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
LANSING

STEVE ARWOOD  
DIRECTOR

September 15, 2015

ProGas Propane  
8220 Whitehall Rd  
Whitehall, MI 49461

*ProGas  
Muskegon*

ENTERED

(SMR)

SEP 20 2015

Dear Owner/Operator:

SUBJECT: Nonpayment of Fee(s) for Aboveground Storage Tank(s)

The Department of Licensing and Regulatory Affairs (DLARA), Bureau of Fire Services (BFS), has not received payment for the aboveground storage tank(s) (AST) located at North Central Co-op Inc, 3 East Main St, Hart, Michigan, Facility Number 92085089.

Pursuant to Section 29.5d(2) of the Fire Prevention Code, 1941 PA 207, as amended, the owner of an AST system shall pay a registration fee of \$61.50 for each tank located at each facility.

You were invoiced for your registration fee for Fiscal Year 2015. Your current balance of \$61.5 is now past due and must be paid immediately. Please send your check, indicating your facility ID number, payable to the "State of Michigan," to the DLARA, Cashiers Office UST/AST, P.O. Box 30033, Lansing, Michigan 48909; OR go to <https://www.thepayplace.com/mi/deleg/ast>.

If the BFS does not receive payment within 30 days of the date of this letter, your AST(s) will be red-tagged and, as such, cannot be filled. Further, you may be subject to escalated enforcement action.

The BFS will not accept payment of fees on-site or in a Regional Office. The tanks will be red-tagged as noted above and will not be de-tagged until payment is received by the DLARA, Cashiers Office, in Lansing; or payment is made online.

Should you have reason to dispute all or part of these registration fees, you must submit and the BFS must receive a written statement, together with all documentation in support of your position, within 21 days of the date of this letter. The information must be sent to the DLARA, BFS, P.O. Box 30033, Lansing, Michigan 48909.

AST Removal: Fees shall be paid until such tank(s) are closed or removed, and notification of the closure or removal is received by the DLARA. Owners shall notify the DLARA of the closure or removal of storage tank(s) within 30 days after closure or removal on a Change of Information Form EQP-3858 (Rev 4/13).

If you have further questions, please feel free to contact me at (517) 241-9486, or e-mail [blockj@michigan.gov](mailto:blockj@michigan.gov).

Sincerely,

*Jim Block*

Jim Block

Storage Tank Division, Bureau of Fire Services

LARA is an equal opportunity employer/program.

Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.  
611 W. Ottawa • P.O. BOX 30004 • LANSING, MICHIGAN 48909 • [www.michigan.gov/lara](http://www.michigan.gov/lara) • (517) 373-1820



# ABOVEGROUND STORAGE TANKS ANNUAL CERTIFICATION FEE

Under Authority of Act 207, PA of 1941, as amended, failure to pay the required Aboveground Storage Tank Certification Fee may result in a civil fine.

Fiscal Year: 2015

Invoice Date: July 1, 2015

Page 1 of 1

Owner Address: ProGas Propane <del>8220 Whitehall Rd</del> 1535 S. Walker Rd. Whitehall, MI 49461 MUSTERON, M J 49442	Location Address: North Central Co-op Inc 3 East Main St Hart, MI 49420
---	--

The owner of an aboveground storage tank system shall, upon registration or renewal of registration, pay a certification fee for each aboveground tank. The owner of an aboveground storage tank system shall continue to pay certification fees on aboveground storage tanks that have been closed or removed until notification of the closure or removal is provided on the required form BFS 3858.

The period of registration is from 8/1/2015 to 7/31/2016; tank(s) must be closed or removed before 8/1/2015 and notification of the closure or removal must be received by 08/31/2015. Please indicate facility number on payments.

Payment can be made by credit card at, <https://www.thepayplace.com/mi/deleg/ast>

Facility Number	Tank Number	Tank Size	Contents	Certification Fee
92085089	2	500 Gal	LPG	\$61.50

ENTERED (SMK)  
NOV 02 2015

Payment Due On Or Before : August 1, 2015

Payment can be made by credit card at, <https://www.thepayplace.com/mi/deleg/ast>

See reverse side for additional information.

Certification Fee:	\$61.50
Previous Balance:	\$0.00
Adjustments:	\$0.00
Amount Received:	\$0.00
Balance Due:	\$61.50

**Owner Please Note :**

Facility Number: 92085089  
Total Due: \$61.50

Make check or money order payable to "State Of Michigan".  
Please indicate FACILITY NUMBER on check or money order and send this with payment to:

CASHIERS OFFICE UST/AST  
P O BOX 30033  
LANSING, MI 48909

For Cashier's Use Only:

\*\*\* 06 26 15 LANSING MI 488 \*\*\*

State of Michigan  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
Bureau of Fire Services  
P.O. Box 30033  
Lansing, Michigan 48909

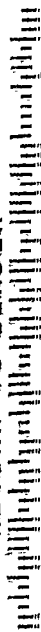
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**PAID**  
LANSING, MI  
PERMIT NO. 1200

**RECEIVED**  
JUL 06 2015  
BUREAU OF FIRE SERVICES

FORWARD TIME EXP RTN TO SEND  
X 482 NFE 1260514I0006/27/15  
: PRO GAS PROPANE  
1535 S WALKER RD  
MUSKEGON MI 49442-4557

RETURN TO SENDER

ET 8564 @ 43461





STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS  
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

## FACILITY INSPECTION REPORT

Owner Name & Address:

Suburban Propane  
8220 Whitehall Rd  
Whitehall, MI 49461

Location of Tanks:

North Central Co-op Inc  
3 East Main St  
Hart, MI 49420  
County - Oceana  
Facility ID - 92085089

ATTENTION: Damon Myers

A Reinspection was conducted on February 17, 2015, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2014 AACCS R 29.6101 et seq. The inspection showed that the facility is temporarily certified.

- 1 Aboveground piping shall be supported and protected from physical damage. The portion of aboveground piping subject to corrosion shall be painted or otherwise protected.  
Section 6.8.3.10

Special Attention : Piping needs Paint when weather permits.

- 2 ASME containers over 4,000 gallons water capacity and container filling locations shall have their full internal or external pressure relief valve inspected within 10 years of the date of installation or within 3 years of the effective date of these rules and every 10 years there after. Documentation of the inspection shall be provided to the department during required inspections.  
Section 5.7.7.4

Special Attention : Documentation is required that testing has been completed.

- 3 A person who transfers LPG at a dispensing station shall receive training in accordance with the national propane gas association.  
Section 4.4.2

Special Attention : Documentation is required to be furnished showing that each employee who transfers LPG at the dispensing station has been trained.

During inspection it was noted that there was a leak on the dispenser pump fittings inside cabinet, leaks shall be repaired.

The inspection and violations (if any) were discussed with Stan Halleck at the time of the inspection.

Documentation shall be furnished to the district office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by March 18, 2015. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Act 207, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

If you have additional questions concerning this matter, please contact me.

Karl Read

February 18, 2015

Karl Read  
Hazardous Materials Storage Inspector  
Region 3  
PO Box 30033  
Lansing, MI 48909  
Phone: (989) 255-3912  
Fax: (517) 332-1428  
Email: readk@michigan.gov

Date

LANSING MI

PRESORTED  
FIRST CLASS



U.S. POSTAGE PITNEY BOWES

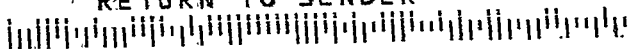


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0001395608 SEP 16 2015

**RECEIVED**  
SEP 28 2015  
**BUREAU OF FIRE SERVICES**

X 482 NFE 1260514I0009/17/15  
FORWARD TIME EXP RTN TO SEND  
: PROGAS PROPANE  
1535 S WALKER RD  
MUSKEGON MI 49442-4557

RETURN TO SENDER





STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
REMEDIATION DIVISION

**FACILITY INSPECTION REPORT**

Owner Name & Address:

ProGas Propane  
8220 Whitehall Rd  
Whitehall, MI 49461

Location of Tanks:

North Central Coop Inc.  
3 East Main St  
Hart, MI 49420  
County - Oceana  
Facility ID - 92085089

KLW JAN 24 2012

ATTENTION: Brian Vandermolen

A Final Installation Inspection was conducted on January 11, 2012, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2008 AACRS R 29.6001 et seq. The inspection showed that the facility is certified.

Performed a final installation inspection. When opening the fill cabinet, an extremely strong propane odor was noted. While on-site a service person from ProGas arrived, soaped all the fittings, and no leaks were observed. The system shall be monitored to ensure that the system is tight.

The inspection and violations (if any) were discussed with Rebecca Tyndall at the time of the inspection.

If you have additional questions concerning this matter, please contact me.

Michael McKinley  
Hazardous Materials Storage Inspector  
Grand Rapids District Office  
350 Ottawa Avenue., NW - Unit 10  
Grand Rapids, MI 49503-2341  
Phone: 616-356-0221  
Fax: 616-356-0202  
Email: mckinleym1@michigan.gov

1-17-12  
Date



mailed to dist 12/27/11  
#6

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - REMEDIATION DIVISION

PLAN REVIEW REPORT

This information is required under Act 207 of the Public Acts of 1941, as amended, being Section 29.5c of the Michigan Compiled Laws Annotated. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5000 per day for each tank for which notification is not given or for which false information is submitted.

<input type="checkbox"/> PRELIMINARY	<input checked="" type="checkbox"/> FINAL	DATE November 29, 2011	FACILITY NUMBER 92085089	REFERENCE # PR-0291-11
--------------------------------------	---	---------------------------	-----------------------------	---------------------------

<input type="checkbox"/> STORAGE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS	TANK NUMBER(S) 2
<input checked="" type="checkbox"/> INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITY	
<input type="checkbox"/> INSTALLATION OF COMPRESSED NATURAL GAS FUELING FACILITY	
<input type="checkbox"/> INSTALLATION OF HYDROGEN FACILITY	

ARCHITECT/ENGINEER/INSTALLER  ProGas Propane - Whitehall 8220 Whitehall Road Whitehall, MI 49461	PROJECT: Hart Co-op ADDRESS: 3 East Main St Hart, MI 49420  COUNTY: Oceana
--	--

The plans and specifications for the above project have been reviewed for compliance with applicable rules. Field inspection approval will be required before placing the system into operation.

APPROVED      APPROVED CONTINGENT UPON COMPLIANCE WITH THE FOLLOWING      NOT APPROVED FOR THE FOLLOWING REASONS

- Per the 2008 LPG Rules, the liquid fill at the tank used for motor vehicle fueling or over 4,000 gallons in capacity shall be equipped with an internal valve that has remote closure and automatic thermal actuation, or a positive shutoff valve as close as possible to the tank in combination with a back flow check valve installed in the container, or a double back check filler valve. The bypass connection will be allowed to use the above or an excess flow valve in the container with a positive shutoff adjacent to that valve or as part of a combo valve if the liquid from that line enters the tank vapor space.
- Please verify the manufacturer name and part number for the pressure relief device that will be used to meet the requirements of item number 29 on the EQP form 3861. The part you indicated does not correspond to the dimensions of the container indicated to be used.
- The part number(s) you indicated could not be verified. Please verify accuracy of part number and, if necessary, send spec-sheet for part(s).

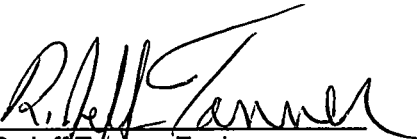
Hazardous Materials Storage Tank Inspector **Michael McKinley** of the Department of Environmental Quality office in the **Grand Rapids District Office**, telephone number **616-356-0221**, may be contacted to schedule a site inspection. **This installation may not be placed into service until Department of Environmental Quality personnel have conducted a final inspection.** Preliminary inspections can be valuable in identifying and addressing site constraints and considerations prior to installation of the storage tank system.

Provide certification of compliance with the National Electrical Code at final inspection.

If this system is not installed within one year, please contact this office for possible resubmittal of plans.

This review is based upon submitted information, and is not considered a permit. Approval of a tank installation plan by the Department of Environmental Quality, does not relieve an owner or installer from having to meet the requirements of other state and local government laws, including zoning laws. The Hazardous Materials Storage Tank Inspector may find additional deficiencies during site inspections.

If you have questions concerning this matter, please contact the Storage Tank & Contracts Unit at (517) 335-7211.

  
R. Jeff Tanner, Engineer  
Storage Tanks & Contracts Unit

cc: Michael McKinley, DEQ

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
 WASTE AND HAZARDOUS MATERIALS DIVISION  
 P O Box 30241 Lansing, MI 48909-7741

APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

PA-0291-11

FACILITY NAME North Central CD-OP Inc.		NEW ASSIGNED TANK NUMBER(S) LSE 046779 2	FACILITY ID NUMBER 92085089
FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE) 3 EAST MAIN ST.		CONTACT PERSON (AT LOCATION)	AREA CODE & TELEPHONE NUMBER (231) 873-2158
CITY HART	COUNTY OLEANA	STATE MI	ZIP CODE 49420

SUBMITTER'S NAME Pro-Gas Propane - Joe Stewart		STREET ADDRESS 8220 Whitehall Rd.	AREA CODE & TELEPHONE NUMBER (231) 893-3009
CITY Whitehall	STATE Michigan	ZIP CODE 49461	

ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
1.*	CONTAINER DESIGN: Section 5.2: 250 psi working pressure.	American Welding + Tank 500 GALLON TANK 250 PSI
2.	CONTAINER SUPPORTS/INSTALLATION: Section 5.2.7 & 6.6.3: Noncombustible; steel protection may be required.	Steel Skid  AST 500580-28-1 11/17/11 40208 32700 1057
3.	LOCATION OF CONTAINER: Section 6.3 & 6.4 and Table 6.3.1: To important buildings, property lines which may be built upon, between containers, to FL/CL Dikes, FL/CL AST's & UST's, power lines, etc.	See MAP  AY 2012 \$203
4.*	LIQUID WITHDRAWAL CONNECTION AT CONTAINER: Table 5.7.7.1 or Section 5.7.7.2(B) Liquid withdrawal. Combination of valves to prevent uncontrolled/accidental release.	Fisher C407-10-03 30 GPM
5.	PIPING INSTALLATION: Section 5.8, 6.8, & 6.21.5 Schedule 40 - welded. Schedule 80 - threaded. Approved nonmetallic piping - only underground.	Sch 80 PIPE
6.	STRAINER: Section 5.15.1 & 6.15.4 Strainer element accessible for cleaning.	Mueller 1" 250 SWP 11/2433
7.	FLEXIBLE CONNECTOR: Section 5.8.6 & 6.8.7 36 Inch maximum length, approved hose or listed flexible connector. May be required due to vibration and/or movement.	SS1-1-12
8.	HYDROSTATIC RELIEF: Section 5.11 & 6.11: Where liquid is trapped between shutoffs or between shutoff and check valves or bypass valves. Minimum 400 psi.	Regu L400-059 400 PSIG
9.	PUMP INSTALLATION: Section 5.15.2, 6.15.2, and 6.16.2: According to manufacturer's recommendation. Bypass, internal or external, for positive displacement pump; or secondary means of bypass that cannot be rendered inoperative. Pump operating control/disconnect switch near pump.	Blackmer LGF PIPE

PAID  
 DEQ-Regeneration Division  
 NOV 14 2011  
 203.00

# APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

(Continued from Page 2)

ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
10.	<b>BYPASS PIPING:</b> Section 6.8.3: Approved pipe or copper tubing.	Copper tubing
11.*	<b>LIQUID FILL/BYPASS CONNECTION AT CONTAINER:</b> Table 5.7.7.1 and Section 5.7.7.2(F)- Liquid Fill (F): Combination of valves to prevent uncontrolled/accidental release. Special attention to type of pump and hydrostatic relief if positive shutoff valve is used.	Rego 7550 90° Valve with Rego L400-059 400 BS16 Relief and Rego 2472 4 GPM Backcheck At tank
12.*	<b>VAPOR EQUALIZING/METER LINE CONNECTION AT CONTAINER:</b> Table 5.7.7.1 and Section 5.7.7.2(A) & (E)- Vapor Equalizing (E): Combination of valves to prevent uncontrolled/accidental release.	MB 20 9.6 GPM See #23
13.	<b>LIQUID TRANSFER:</b> Section 6.16.2: Distributing plants, distributing points, industrial plants - excess flow or ESV is required if pipe is larger than 1/2" internal diameter.	6010 1 1/4 Swing Check ESV Rego
14.	<b>METER:</b> Section 5.15.5 & 6.15.5: Installed as recommended by the manufacturer and securely mounted and protected against physical damage.	Liqua-Tech - LPM-10Z
15.*	<b>LIQUID TRANSFER:</b> Section 6.22.3: Motor fueling - excess flow or automatic shutoff valve required. Rule of thumb: excess flow rated at 1.5 times pump capacity.	Rego 3146 36-GPM
16.	<b>APPROVED BREAKAWAY COUPLING:</b> Section 6.22.4: Required on self-service motor fueling. Does not take the place of excess flow valve.	Rego A2141A6 - Pullaway Valve
17.	<b>APPROVED HOSE:</b> Section 5.8.6: Marked for LP use - may not be used in lieu of piping.	Parker LP Gas Hose
18.	<b>LOCATION OF POINT OF TRANSFER:</b> Table 6.5.3 and Section 6.5: Distances to buildings, property lines, etc.	See Attached MAP
19.	<b>PIPING SUPPORT/PROTECTION:</b> Section 6.8.3: Protected against physical damage. Painted or otherwise protected against corrosion. Nonmetallic piping - manufacturer's recommendation and not less than 12" underground.	Painted - Pipe supported by skid
20.*	<b>EMERGENCY SHUTOFF VALVES/CONNECTIONS FOR FLOW CONTROL:</b> Section 6-10: Required on new and existing installations over 4,000 GWC individual or 4,000 GWC aggregate with manifolded liquid lines and where hose/swivel type piping is 1 1/2" or larger for liquid and 1 1/4" or larger for vapor. Backcheck OK if flow is only in one direction. If under 4,000 GWC, connection must be equipped in accordance with Table 5.7.7.1.	BOBTAIL LOADING: Vapor line: Liquid line: TRANSPORT UNLOADING: Vapor line: Liquid line:

# APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

(Continued from Page 3)

ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
21.	<b>BULKHEAD INSTALLATION OR EQUIVALENT:</b> Section 6.10.8.1: Required on new and existing installations with ESV.	Part of Dispensing Unit Cabinet
22.	<b>EMERGENCY SHUTOFF VALVE: REMOTE SHUTOFF/THERMAL ACTUATION:</b> Section 5.10.4: Required on new and existing installations with ESV and on all Internal Valves.	Rego A 3209TL Remote Release Kit With 212°F Thermal Protection
23.	<b>FIXED LIQUID LEVEL GAUGE:</b> Section 5.7.8: Required on storage containers constructed after December 31, 1965.	Rego MULTIVALVES - 7556 R
24.	<b>PRESSURE GAUGE:</b> Section 5.7.9: Required on containers over 2,000 GWC or any size container for LPG service stations.	Rego D-300 PSI 948 U
25.	<b>VARIABLE LIQUID GAUGE:</b> Section 5.7.8: Magnetic float or rotary gauge.	Magnetic Float Rochester 37" Tank Diameter
26.	<b>LABELING OF CONTAINER INLET AND OUTLET CONNECTION:</b> Section 5.7.11.5: Required on containers of 2,000 GWC or more or any size container for LPG dispensing. Designate whether line communicates with liquid or vapor space.	Liquid & Vapor Labels
27.	<b>RAINCAPS:</b> Section 6.7.2.4: Required for all pressure relief devices.	Rego 40 PR Rego 9103-54
28.	<b>SEVEN FOOT STACKS:</b> Section 6.7.2.7: Required for containers of more than 2,000 GWC.	N/A
29.*	<b>PRESSURE RELIEF DEVICES:</b> Section 5.7.2 & 6.7.2 No shutoff valves between relief device and container. Device must be marked with start-to-leak pressure in psig; rated relieving capacity in CFM air at 60 degrees F and 14.7 psia; manufacturer's name and catalog number.	Rego 318 H
30.	<b>PROTECTION AGAINST TAMPERING:</b> Section 6.16.5: Six foot high industrial-type fence with two means of egress and three foot clearance to allow access to egress. Second gate not required if enclosure is not over 100 square feet, the point of transfer is within three feet of a gate, and containers being filled are not within enclosure; OR suitable locking devices to prevent unauthorized operation of appurtenances, system valves or equipment.	Locked Dispensing Cabinet
31.	<b>FIRE PROTECTION:</b> Section 6.23 & 8.5: Industrial plant, distributing plant - distributing point at least one approved portable fire extinguisher with minimum capacity of 18 lb dry chemical with B:C rating. New facilities and replacement of extinguishers.	20 # ABC
32.	<b>PHYSICAL PROTECTION:</b> Section 6.6.1.7: Where physical damage to LPG containers, or systems of which they are a part (e.g., piping, dispensing unit), from vehicles is a possibility, crash protection shall be provided.	Crash Rail - Posts

MAIL TO: WASTE AND HAZARDOUS MATERIALS DIVISION  
STORAGE TANK UNIT  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
PO BOX 30241  
LANSING, MI 48909-7741

EQP3861 (REV 8/08)

92085089



STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE AND HAZARDOUS MATERIALS DIVISION  
**FACILITY INSPECTION REPORT**

Owner Name & Address:

Hart Co-op  
3 East Main St  
Hart, MI 49420

Location of Tanks:

Hart Co-op  
3 East Main St  
Hart, MI 49420  
County - Oceana  
Facility ID - 92085089

KLW MAR 23 2010

ATTENTION: Becky Taydall

A Triennial Inspection was conducted on March 11, 2010, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2004 AACCS R 29.6001 et seq. The inspection showed that the facility is certified.

If you have additional questions concerning this matter, please contact me.

Michael McKinley  
Hazardous Materials Storage Inspector  
Grand Rapids District Office  
350 Ottawa Avenue., NW - Unit 10  
Grand Rapids, MI 49503-2341  
Phone: 616-356-0221  
Fax: 616-356-0202  
Email: mckinleym1@michigan.gov

3-16-2010

Date



## LIQUEFIED PETROLEUM GAS INSPECTION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the District file and one for the Headquarters file. All boxes shall be completed inserting N/A where non-applicable.	
FACILITY NAME: <u>HART Co-op</u>	FACILITY ID NUMBER: <u>92055089</u>
CONTACT PERSON ON SITE:	FACILITY TYPE:

### FACILITY SECTION

SECTION	CODE	VIO	PASS
1-4.1(C) DEPARTMENT APPROVAL BEFORE INSTALLED	L126		<input checked="" type="checkbox"/>
1-4.2 NOTIFY DEPARTMENT OF TEMP INSTALLS	L10		<input checked="" type="checkbox"/>
1-5.1 PERSONAL TRAINING	L126		<input checked="" type="checkbox"/>
1-5.2 PERSONAL TRAINING AT DISPENSER STATIONS	L130		<input checked="" type="checkbox"/>
2-2.4.1 CYLS ON DOCK OR IN TRANSIT ARE CAPPED	L132	<u>N/A</u>	
2-3.3.1 VALVES MUST COMPLY W/TABLE 2-3.3.2A	L22		<input checked="" type="checkbox"/>
2-3.7(E) LIQUID & VAPOR LABELING FOR PIPING	L54		<input checked="" type="checkbox"/>
2-4.5.4 ESV W/REMOTE & THERMAL SHUTOFF	L30		<input checked="" type="checkbox"/>
2-4.6.3 APPROVED HOSE (PROPERLY MARKED)	L32		<input checked="" type="checkbox"/>
2-5.5.1 STRAINER INSTALLED AND ABLE TO CLEAN	L36		<input checked="" type="checkbox"/>
3-2.2.2 POINT OF TRANSFER BY TABLE 3-2.3.3	L104		<input checked="" type="checkbox"/>
3-2.2.7(B) COMBUSTIBLE MATERIALS WITHIN 10'	L46		<input checked="" type="checkbox"/>
3-2.10.3 THREADED PIPING MUST BE SCHEDULE 80	L58		<input checked="" type="checkbox"/>
3-2.10.7 PIPING SUPPORTED & PROTECTED	L60		<input checked="" type="checkbox"/>

SECTION	CODE	VIO	PASS
3-2.10.10 FLEXIBLE CONNECTORS/HOSE MAX 36"	L62		<input checked="" type="checkbox"/>
3-2.10.11(D) BULKHEADS OF STEEL OR CONCRETE	L66		<input checked="" type="checkbox"/>
3-2.10.11(G) ESV ON ALL NEW & OLD @ 1 YEAR	L134		<input checked="" type="checkbox"/>
3-2-11 HYDROSTATIC RELIEF FOR PIPING	L68		<input checked="" type="checkbox"/>
3-2.15.4 PUMP & METER INSTALLATION	L70		<input checked="" type="checkbox"/>
3-3.6 TAMPERING PROTECTION <u>Detuned</u>	L80		<input checked="" type="checkbox"/>
3-7.2.1 ELECTRICAL INSPECTOR APPROVAL	L80		<input checked="" type="checkbox"/>
3-9.3.4 HOSE PROTECTION-ESV, BACK CHECK, EXCESS FLOW	L38		<input checked="" type="checkbox"/>
3-9.4.2 SELF SERVE BREAKAWAY	L76		<input checked="" type="checkbox"/>
3-10.2.5 FIRE EXTINGUISHER 18#	L96		<input checked="" type="checkbox"/>
5-2.2.1 VALVE PROTECTION @ DIST POINTS	L112		<input checked="" type="checkbox"/>
5-4.1 EXCHANGE CYL LOCATION TO BLDG	L142		<input checked="" type="checkbox"/>
7-1 CYL FILL BUILDING VENT SIZES	L120		<input checked="" type="checkbox"/>
OTHER			

### TANK SECTION

SECTION	CODE	VIO	PASS
2-2.63 CONTAINER DESIGN/MARKING	L18		<input checked="" type="checkbox"/>
2-3.2.1 PRESSURE RELIEF DEVICES FOR TANKS	L20		<input checked="" type="checkbox"/>
2-3.4.2 FIXED LIQUID LEVEL GAUGE 12/31/65	L24		<input checked="" type="checkbox"/>
2-3.4.4 VARIABLE LIQUID GAUGE	L26		<input checked="" type="checkbox"/>
3-2.2.2 LOCATION OF CONTAINER	L44		<input checked="" type="checkbox"/>
3-2.4.1(C) CONTAINER PROTECTION 4" SCH 40 W/CONCRETE 5' ON CTR	L122		<input checked="" type="checkbox"/>
3-2.4.2 CONTAINER SUPPORTS & PROTECTION	L48		<input checked="" type="checkbox"/>

SECTION	CODE	VIO	PASS
3-2.6.3(A) RAIN CAPS	L50		<input checked="" type="checkbox"/>
3-2.6.3(B) 7' RELIEF STACKS ON 2000 GAL TANKS	L52		<input checked="" type="checkbox"/>
3-2.7F PRESSURE GAUGE OVER 2000 GAL	L56		<input checked="" type="checkbox"/>
3-2.14 CATHODIC PROTECTION RECORDS	L136		<input checked="" type="checkbox"/>
3-2.14 CATHODIC PROTECTION UNDERGROUND	L136		<input checked="" type="checkbox"/>
4-2.2.3.1 3" NO SMOKING – NO OPEN FLAMES	L138		<input checked="" type="checkbox"/>
4-2.2.3.1 WARNING LABEL FOR NON-FILL CYLS	L140		<input checked="" type="checkbox"/>

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INSPECTOR: McKerley DATE: 3-11-10

SMK AUG 27 2008

92085089



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY, WASTE AND HAZARDOUS MATERIALS DIVISION,  
PO BOX 30241, LANSING, MI 48909-7241, Phone 517-335-7211, Fax 517-335-2245, E-mail DEQ-STD-TANKS@michigan.gov

**CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY**

This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

OWNER NAME <b>Fremont Co-op</b>		LOCATION NAME OR SITE IDENTIFIER <b>Hart Co-op</b>		FACILITY NUMBER <b>92085089</b>	
OWNER ADDRESS <b>540 W. Main</b>		FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE) <b>3 E. Main</b>		AREA CODE & TELEPHONE NUMBER <del>231 924 3851</del> <b>231 873 2158</b>	
CITY <b>Fremont</b>		CITY <b>Hart</b>		ZIP CODE <b>49420</b>	
STATE <b>MI</b>	ZIP CODE <b>49412</b>	STATE <b>MI</b>	ZIP CODE <b>49420</b>		
AREA CODE & TELEPHONE NUMBER <b>231 924 3851</b>		CONTACT PERSON (AT LOCATION) <b>Denny Payne</b>			
TYPE OF FACILITY			TYPE OF REPORT		
<input type="checkbox"/> Flammable or Combustible Liquids Storage <input checked="" type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas			<input checked="" type="checkbox"/> New Owner <input type="checkbox"/> Closure of Facility (All Storage) <input type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service		

TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
<del>051007</del>					
CAPACITY OF TANK <b>500 Gal.</b>					
PRODUCT STORED <b>LP Gas</b>					
DATE TANK WAS: INSERT DATE IN ALL BOXES THAT APPLY					
A: REMOVED FROM PREMISES					
B: EMPTIED AND CLEANED					
C: PIPE DISCONNECTED					
D: CHANGED TO NONREGULATED SUBSTANCE					
E: RETURNED TO REGULATED STORAGE					

**PAID**  
VOID Not Paid 7-29-08  
5-21-08  
7-24-08

**CERTIFICATION**

(Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Name and Official Title of Owner or Owner's Authorized Representative (Print) <b>Dennis Payne / L.P. Mgr.</b>	Signature <b>Dennis Payne</b>	Date <b>7-19-08</b>
COMMENTS AND/OR CLARIFICATION TO THE STORAGE TANK UNIT STAFF:		

MAIL TO: STORAGE TANK UNIT  
WASTE AND HAZARDOUS MATERIALS DIVISION  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
PO BOX 30241  
LANSING MI 48909-7241



P80280SP

P80280SP

~~P80280SP~~



**CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY**

JUN 11 2008

This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

92085089

OWNER NAME <b>AmeriGas</b>		LOCATION NAME OR SITE IDENTIFIER <b>Hart Co-op</b>		FACILITY NUMBER <b>92085089</b>	
OWNER ADDRESS <b>5857 S Warner</b>		FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE) <b>3 E Main St</b>		AREA CODE & TELEPHONE NUMBER <b>231-873-2158</b>	
CITY <b>Fremont</b>		CITY <b>Hart</b>		ZIP CODE	
STATE <b>MI</b>	ZIP CODE <b>49412</b>	STATE <b>MI</b>	ZIP CODE <b>49420</b>		
AREA CODE & TELEPHONE NUMBER <b>231-924-2140</b>		CONTACT PERSON (AT LOCATION) <b>Rebecca Tyndall</b>			
TYPE OF FACILITY			TYPE OF REPORT		
<input type="checkbox"/> Flammable or Combustible Liquids Storage <input type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas			<input checked="" type="checkbox"/> New Owner <input type="checkbox"/> Closure of Facility (All Storage) <input type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service		

**TANKS OUT OF USE OR CHANGE IN SERVICE**

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK					
PRODUCT STORED					
DATE TANK WAS: <span style="float: right;">INSERT DATE IN ALL BOXES THAT APPLY</span>					
A: REMOVED FROM PREMISES					
B: EMPTIED AND CLEANED					
C: PIPE DISCONNECTED					
D: CHANGED TO NONREGULATED SUBSTANCE					
E: RETURNED TO REGULATED STORAGE					

**CERTIFICATION**

(Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Name and Official Title of Owner or Owner's Authorized Representative (Print) <b>Steve Vanhouten - Manager</b>	Signature 	Date <b>6/10/08</b>
---	---------------	------------------------

COMMENTS AND/OR CLARIFICATION TO THE STORAGE TANK UNIT STAFF:  
**Ownership of tank belongs to Hart Co-op at address above.**

MAIL TO: STORAGE TANK UNIT  
 WASTE AND HAZARDOUS MATERIALS DIVISION  
 DEPARTMENT OF ENVIRONMENTAL QUALITY  
 PO BOX 30241  
 LANSING MI 48909-7241



**Fax Cover Sheet**

**AmeriGas®**  
**America's Propane Company**

**RELIABLE, SAFE, RESPONSIVE**

5857 S. Warner Avenue, Fremont, MI 49412

Phone: 231-924-2140 x8342

Fax: 231-924-5064

DATE: 6/10/08

TO: DEQ - Haz. Material Division

FROM: AmeriGas Steve VanHouten

Re: change in tank ownership

Pages: 2 + cover page

Tank is owned by Hart Co-op -  
Invoice should be re-issued to  
them.

Thanks

Michigan Department of Environmental Quality  
Waste and Hazardous Materials Division  
**ABOVEGROUND STORAGE TANK ANNUAL CERTIFICATION FEE**



**INVOICE**

Issued under authority of Act 207, PA of 1941, as amended  
Failure to submit payment by the date due will result in a penalty as prescribed by law

C0083461 Ref No: 92085089

Owner Address  
Shell Gas (LPG) Bulk, LLC  
5857 S Warner Avenue  
Fremont, MI 49412

Invoice Number: 503513  
Invoice Date: June 2, 2008  
Payment Due: August 1, 2008

Location Address  
Hart Co-op  
3 E Main  
Hart, MI 49412 49420

The owner of a storage tank system shall, upon registration or renewal of registration, pay a certification fee for each tank and continue to pay a certification fee on storage tank(s) that have been closed or removed until notification to the DEQ is provided on the required form EQP3858.

For questions call or fax:  
Phone: (517) 373-6247  
Fax: (517) 335-2245

Invoice Item	Quantity	Unit Cost	Total Cost
92085089 Tank #1, 500 Gal LPG	1	\$61.50	\$61.50

The period of registration is from 08/01/2008 to 07/31/2009; tank(s) must be closed or removed before 08/01/2008 and notification of the closure or removal must be received by DEQ by 08/31/2008.

*7-15-08  
sent new invoice  
Lm*

Payment Due: August 1, 2008

Total:	\$61.50
Tax:	\$0.00
<b>Total Invoice:</b>	<b>\$61.50</b>

MAKE CHECK OR MONEY ORDER PAYABLE TO: STATE OF MICHIGAN  
TO ENSURE PROPER CREDIT, SEND THIS PORTION WITH PAYMENT TO:  
Michigan Department of Environmental Quality  
Cashiers Office - AST  
PO Box 30657  
LANSING, MI 48909-8157

C0083461

Ref No: 92085089

INVOICE NO:  
503513

WHMD

AST

(Please note or make any mailing corrections below)

Owner Address  
Shell Gas (LPG) Bulk, LLC  
5857 S Warner Avenue  
Fremont, MI 49412

For Cashier's Use Only:



STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE AND HAZARDOUS MATERIALS DIVISION

**FACILITY INSPECTION REPORT**

Owner Name & Address:

Shell Gas (LPG) Bulk, LLC  
5857 S Warner Avenue  
Fremont, MI 49412

Location of Tanks:

Hart Co-op  
3 E Main  
Hart, MI 49420  
County - Oceana  
Facility ID - 92085089

KLW SEP 04 2007

ATTENTION: Rob Zeldenrust

A Final Installation Inspection was conducted on August 21, 2007, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2000 AACR 29.4001 et seq. The inspection showed that the facility is temporarily certified.

- 1 A person who transfers LPG at a dispensing station shall receive training in accordance with the National Propane Gas Association.  
Section 1-5.2

Special Attention : Documentation is required to be furnished showing that all persons who dispense fuel have been properly trained.

The inspection and violations (if any) were discussed with Rebecca Taydall at the time of the inspection.

Documentation shall be furnished to the district office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by September 24, 2007. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Act 207, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

Waste & Hazardous  
Materials Division

AUG 30 2007

If you have additional questions concerning this matter, please contact me.



July 27 2007

Michael McKinley  
Hazardous Materials Storage Inspector  
Grand Rapids District Office  
350 Ottawa Avenue., NW - Unit 10  
Grand Rapids, MI 49503-2341  
Phone: 616-356-0221  
Fax: 616-356-0202  
Email: mckinlem@michigan.gov

Date



## LIQUEFIED PETROLEUM GAS INSPECTION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the District file and one for the Headquarters file. All boxes shall be completed inserting NA where non-applicable.	
FACILITY NAME: <u>HART Co-op</u>	FACILITY ID NUMBER: <u>72085089</u>
CONTACT PERSON ON SITE: <u>Rebecca Faydall</u>	FACILITY TYPE:

### FACILITY SECTION

SECTION		CODE	VIO	PASS
1-4.1(C)	DEPARTMENT APPROVAL BEFORE INSTALLED	L128		X
1-4.2	NOTIFY DEPARTMENT OF TEMP INSTALLS	L10		<i>NA</i>
1-5.1	PERSONAL TRAINING	L128		<i>NA</i>
1-5.2	PERSONAL TRAINING AT DISPENSER STATIONS	L130		<i>NA</i>
2-2.4.1	CYLS ON DOCK OR IN TRANSIT ARE CAPPED	L132		<i>NA</i>
2-3.3.1	VALVES MUST COMPLY W/TABLE 2-3.3.2A	L22		X
2-3.7(E)	LIQUID & VAPOR LABELING FOR PIPING	L54		<i>Y</i>
2-4.5.4	ESV W/REMOTE & THERMAL SHUTOFF	L30		X
2-4.8.3	APPROVED HOSE (PROPERLY MARKED)	L32		<i>Y</i>
2-5.5.1	STRAINER INSTALLED AND ABLE TO CLEAN	L36		<i>Y</i>
3-2.2.2	POINT OF TRANSFER BY TABLE 3-2.3.3	L104		<i>Y</i>
3-2.2.7(B)	COMBUSTIBLE MATERIALS WITHIN 10'	L46		<i>Y</i>
3-2.10.3	THREADED PIPING MUST BE SCHEDULE 80	L58		<i>Y</i>
3-2.10.7	PIPING SUPPORTED & PROTECTED	L60		<i>Y</i>

SECTION		CODE	VIO	PASS
3-2.10.10	FLEXIBLE CONNECTORS/HOSE MAX 36"	L82		X
3-2.10.11(D)	BULKHEADS OF STEEL OR CONCRETE	L66		<i>NA</i>
3-2.10.11(G)	ESV ON ALL NEW & OLD @ 1 YEAR	L134		X
3-2-11	HYDROSTATIC RELIEF FOR PIPING	L66		X
3-2.15.4	PUMP & METER INSTALLATION	L70		X
3-3.6	TAMPERING PROTECTION <i>Calc.</i>	L80		X
3-7.2.1	ELECTRICAL INSPECTOR APPROVAL	L90		X
3-9.3.4	HOSE PROTECTION-ESV, BACK CHECK, EXCESS FLOW	L38		X
3-9.4.2	SELF SERVE BREAKAWAY	L76		X
3-10.2.5	FIRE EXTINGUISHER 18#	L96		X
5-2.2.1	VALVE PROTECTION @ DIST POINTS	L112		X
5-4.1	EXCHANGE CYL LOCATION TO BLDS	L142		<i>NA</i>
7-1	CYL FILL BUILDING VENT SIZES	L120		X
	OTHER			

### TANK SECTION

SECTION		CODE	VIO	PASS
2-2.83	CONTAINER DESIGN/MARKING	L16		X
2-3.2.1	PRESSURE RELIEF DEVICES FOR TANKS	L20		X
2-3.4.2	FIXED LIQUID LEVEL GAUGE 12/31/65	L24		X
2-3.4.4	VARIABLE LIQUID GAUGE	L28		X
3-2.2.2	LOCATION OF CONTAINER	L44		<i>Y</i>
3-2.4.1(C)	CONTAINER PROTECTION 4" SCH 40 W/CONCRETE 5' ON CTR	L122		<i>Y</i>
3-2.4.2	CONTAINER SUPPORTS & PROTECTION	L48		<i>Y</i>

SECTION		CODE	VIO	PASS
3-2.6.3(A)	RAIN CAPS	L50		<i>Y</i>
3-2.6.3(B)	7' RELIEF STACKS ON 2000 GAL TANKS	L52		<i>NA</i>
3-2.7F	PRESSURE GAUGE OVER 2000 GAL	L58		X
3-2.14	CATHODIC PROTECTION RECORDS	L138		<i>NA</i>
3-2.14	CATHODIC PROTECTION UNDERGROUND	L138		<i>NA</i>
4-2.2.3.1	3" NO SMOKING - NO OPEN FLAMES	L138		X
4-2.2.3.1	WARNING LABEL FOR NON-FILL CYLS	L140		X

COMMENTS: #65E 051937 American Wilder  
2002 500 gallons

Elec Struc - 7-26-07 Oceana County

INSPECTOR: M. B. [Signature] DATE: 8-21-07  
AUG 30 2007

888 485 2537 EQP3866 (REV. 05/03)



STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE AND HAZARDOUS MATERIALS DIVISION

**FACILITY INSPECTION REPORT**

Owner Name & Address:

Shell Gas (LPG) Bulk, LLC  
5857 S Warner Avenue  
Fremont, MI 49412

Location of Tanks:

Hart Co-op  
3 E Main  
Hart, MI 49420  
County - Oceana  
Facility ID - 92085089

KLW NOV 06 2007

ATTENTION: Rob Zeldenrust

A Records Investigation was conducted on October 1, 2007, for the above-referenced facility for compliance with The Michigan Fire Prevention Code, 1941 PA 207, as amended (Act 207), and the Michigan rules for Liquefied Petroleum Gases, 2000 AACRS R 29.4001 et seq. The inspection showed that the facility is certified.

If you have additional questions concerning this matter, please contact me.

Michael McKinley  
Hazardous Materials Storage Inspector  
Grand Rapids District Office  
350 Ottawa Avenue., NW - Unit 10  
Grand Rapids, MI 49503-2341  
Phone: 616-356-0221  
Fax: 616-356-0202  
Email: mckinlem@michigan.gov

Oct. 4, 2007

Date



SMK AUG 31 2007

FACILITY INFORMATION SHEET

92085089

FACILITY NAME <b>Hart Co-op</b>	FACILITY TYPE <b>LPG - Dist Point</b>	FACILITY NUMBER <b>92085089</b>
FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE) <b>3 East Main</b>	CONTACT PERSON (AT LOCATION) <b>Rob Zeldenrust - Fremont Co-op</b>	AREA CODE & TELEPHONE NUMBER
CITY <b>Hart</b>	STATE <b>Michigan</b>	ZIP CODE <b>49420</b>
TANK OWNER'S NAME <b>Amerigas (Old Shell Gas)</b>	STREET ADDRESS <b>Owner ID = 61299</b>	AREA CODE & TELEPHONE NUMBER
CITY	STATE	ZIP CODE

CONTRACTOR, LPG OR CNG GAS SUPPLIER INFORMATION

COMPANY NAME	AREA CODE & TELEPHONE NUMBER	
MAILING ADDRESS	CONTACT PERSON	TITLE
CITY	STATE	ZIP CODE

TANK INFORMATION

TANK #	PRODUCT	SERIAL NUMBER	MANUFACTURER	YEAR	CAPACITY
1	LPG	6SE-051937	American Welding	2002	500

FACILITY TYPE

AST		LPG	CNG
<input type="checkbox"/> BULK PLANT	<input type="checkbox"/> PIPELINE	<input type="checkbox"/> DISTRIBUTION PLANT	<input type="checkbox"/> PRIVATE SS
<input type="checkbox"/> REFINERY	<input type="checkbox"/> INDUSTRIAL	<input checked="" type="checkbox"/> DISTRIBUTION POINT	<input type="checkbox"/> PUBLIC SS
<input type="checkbox"/> MARINE SS	<input type="checkbox"/> PRIVATE SS	<input type="checkbox"/> INDUSTRIAL PLANT	
<input type="checkbox"/> PUBLIC SS	<input type="checkbox"/> OIL WELL	<input type="checkbox"/> MOTOR FUELING	
<input type="checkbox"/> OIL BURNING FACILITY	<input type="checkbox"/> FL/CL	<input type="checkbox"/> LPG	

INSPECTOR NAME: Michael McKinley DATE: August 21, 2007

Waste & Hazardous Materials Division

AUG 30 2007



PLAN REVIEW REPORT

Mailed  
6-28-07  
/um

This information is required under Act 207 of the Public Acts of 1941, as amended, being Section 29.5c of the Michigan Compiled Laws Annotated. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5000 per day for each tank for which notification is not given or for which false information is submitted.

<input type="checkbox"/> PRELIMINAR	<input checked="" type="checkbox"/> FINAL	DATE June 22, 2007	TANK NUMBER(S) 1	FACILITY NUMBER 92085089	REFERENCE # PR-0203-07
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- STORAGE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS RULES INSTALLATIONS
- INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITY
- INSTALLATION OF COMPRESSES NATURAL GAS FUELING FACILITY

ARCHITECT/ENGINEER/INSTALLER Amerigas - Fremont 5857 South Warner Fremont, MI 49412	PROJECT: Hart Co-op ADDRESS: 3 E Main Hart, MI 49420  COUNTY: Oceana
--	--

The plans and specifications for the above project have been reviewed for compliance with applicable rules. Field inspection approval will be required before placing the system into operation.

- APPROVED       APPROVED CONTINGENT UPON COMPLIANCE WITH THE FOLLOWING       NOT APPROVED FOR THE FOLLOWING REASONS

Hazardous Materials Storage Inspector **Michael McKinley** of the Department of Environmental Quality office in **Grand Rapids District Office**, telephone number **616-356-0221**, may be contacted to schedule a site inspection. **This installation may not be placed into service until Department of Environmental Quality personnel have conducted a final inspection.** Preliminary inspections can be valuable in identifying and addressing site constraints and considerations prior to installation of the storage tank system.

Provide certification of compliance with the National Electrical Code at final inspection.

If this system is not installed within one year, please contact this office for possible resubmittal of plans.

**This review is based upon submitted information, and is not considered a permit. Approval of a tank installation plan by the department of Environment Quality, does not relieve an owner or installer from having to meet the requirements of other state and local government laws, including zoning laws. The Hazardous Materials Storage Inspector may find additional deficiencies during site inspections.**

If you have questions concerning this matter, please contact the Storage Tank Unit at (517) 335-2690 between the hours of 10:00 a.m. - 12:00 p.m. and 1:00 p.m. - 3:00 p.m.

  
 R. Jeff Tanner, Engineer  
 Storage Tank Unit

cc: Michael McKinley, DEQ



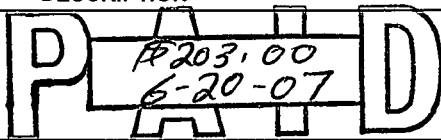
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
 WASTE AND HAZARDOUS MATERIALS DIVISION  
 P O Box 30157 Lansing, MI 48909-7657

APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

PR-0203-07

FACILITY NAME Hart Co-op	NEW ASSIGNED TANK NUMBER(S) 1	FACILITY ID NUMBER 92085089
FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE) 3 E. Main	CONTACT PERSON (AT LOCATION) Becky Tyndall	AREA CODE & TELEPHONE NUMBER (231) 873-2158
CITY Hart	COUNTY Oceana	STATE MI ZIP CODE 49420

SUBMITTER'S NAME Amerigas	STREET ADDRESS 5857 South Warner	AREA CODE & TELEPHONE NUMBER (231) 924-2140
CITY Fremont	STATE Michigan	ZIP CODE 49412

ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
1.*	CONTAINER DESIGN: Section 2-2: 250 psi working pressure. 	500 Gallon Tank Field verify manufacturer, year and serial number
2.	CONTAINER SUPPORTS/INSTALLATION: Section 3-2.4: Noncombustible; steel protection may be required.	Steel Supports
3.	LOCATION OF CONTAINER: Table 3-2.2.2: To important buildings, property lines which may be built upon. Adjacent container: minimum three feet. 20 feet from FL/CL tank. Ten feet from dike. Important building considerations - occupied by persons or contains potential ignition sources.	See attached drawing
4.*	LIQUID WITHDRAWAL CONNECTION AT CONTAINER: Table 2-3.3.2 & Section 3-2.4.6: Liquid withdrawal. Combination of valves to prevent uncontrolled/accidental release.	C407-10 Fisher
5.	PIPING INSTALLATION: Section 3-2.10 Schedule 40 - welded. Schedule - threaded. Approved nonmetallic piping - only underground.	Schedule 80 threaded piping 2000 PSI fittings
6.	STRAINER: Section 2-5.5: Strainer element accessible for cleaning.	Paget Y-1
7.	FLEXIBLE CONNECTOR: Section 3-2.10.6 36 inch maximum length, approved hose or listed flexible connector. May be required due to vibration and/or movement.	Toledo Flex
8.	HYDROSTATIC RELIEF: Section 3-2.11: Where liquid is trapped between shutoffs or between shutoff and check valves or bypass valves. Minimum 400 psi.	H124 Fisher
9.	PUMP INSTALLATION: Section 3-2.15: According to manufacturer's recommendation. Bypass, internal or external, for positive displacement pump; or secondary means of bypass that cannot be rendered inoperative. Pump operating control/disconnect switch near pump.	LGF1PC Blackmer

# APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

(Continued from Page 2)

ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
10.	<b>BYPASS PIPING:</b> Section 3-2.10: Approved pipe or copper tubing. Hose is not allowed per Section 3-2.7.10.	½ K Copper
11.*	<b>LIQUID FILL/BYPASS CONNECTION AT CONTAINER:</b> Table 2-3.3.2 - Liquid Fill (F): Combination of valves to prevent uncontrolled/accidental release. Special attention to type of pump and hydrostatic relief if positive shutoff valve is used.	Fisher D201 Filler Valve
12.*	<b>VAPOR EQUALIZING/METER LINE CONNECTION AT CONTAINER:</b> Table 2-3.3.2 - Vapor Equalizing (E): Combination of valves to prevent uncontrolled/accidental release.	Fisher F202 excess flow Fisher L680 Valve
13.	<b>LIQUID TRANSFER:</b> Section 3-3.3.7: Distributing plants, distributing points, industrial plants - excess flow or ESV is required if pipe is larger than 1/2" internal diameter.	Fisher F100 Excess Flow
14.	<b>METER:</b> Section 3-2.15.4: Installed as recommended by the manufacturer and securely mounted and protected against physical damage.	Neptune ¾" 4D
15.*	<b>LIQUID TRANSFER:</b> Section 3-9.3.4: Motor fueling - excess flow or automatic shutoff valve required. Rule of thumb: excess flow rated at 1.5 times pump capacity.	Fisher 100 Excess flow
16.	<b>APPROVED BREAKAWAY COUPLING:</b> Section 3-9.4.2: Required on self-service motor fueling. Does not take the place of excess flow valve.	N/A-no motor fuel usage
17.	<b>APPROVED HOSE:</b> Section 2-4.6: Marked for LP use - may not be used in lieu of piping.	½" LP hose
18.	<b>LOCATION OF POINT OF TRANSFER:</b> Table 3-2.3.3: Distances to buildings, property lines, etc.	See Drawing
19.	<b>PIPING SUPPORT/PROTECTION:</b> Section 3-2.10.7: Protected against physical damage. Painted or otherwise protected against corrosion. Nonmetallic piping - manufacturer's recommendation and not less than 12" underground.	Steel Supports Painted Pipe
20.*	<b>EMERGENCY SHUTOFF VALVES/CONNECTIONS FOR FLOW CONTROL:</b> Section 3-2.10.11: Required on new and existing installations over 4,000 GWC individual or 4,000 GWC aggregate with manifolded liquid lines and where hose/swivel type piping is 1 1/2" or larger for liquid and 1 1/4" or larger for vapor. Backcheck OK if flow is only in one direction. Section 2-3.3: If under 4,000 GWC, connection must be equipped in accordance with Table 2-3.3.2.	BOBTAIL LOADING: Vapor line: N/A _____ Liquid line: N/A _____ TRANSPORT UNLOADING: Vapor line: N/A _____ Liquid line: N/A _____

# APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

(Continued from Page 3)

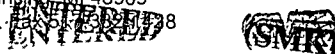
ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
21.	<b>BULKHEAD INSTALLATION OR EQUIVALENT:</b> Section 3-2.10.11 (e): Required on new and existing Installations with ESV.	N/A
22.	<b>EMERGENCY SHUTOFF VALVE: REMOTE SHUTOFF/THERMAL ACTUATION:</b> Section 2-4.5.4: Required on new and existing installations with ESV.	Cable Release
23.	<b>FIXED LIQUID LEVEL GAUGE:</b> Section 2-3.4.2: Required on storage containers constructed after December 31, 1965.	Rego TSS3169
24.	<b>PRESSURE GAUGE:</b> Section 2-3.5 Required on containers over 2,000 GWC or any size container for LPG service stations.	Ashcroft J-506 0-300PSI
25.	<b>VARIABLE LIQUID GAUGE:</b> Section 2-3.4.3 Magnetic float or rotary gauge.	Squib Taylor 7281
26.	<b>LABELING OF CONTAINER INLET AND OUTLET CONNECTION:</b> Section 2-3.7(e): Required on containers of 2,000 GWC or more or any size container for LPG service station. Designate whether line communicates with liquid or vapor space.	Pipes are labeled
27.	<b>RAINCAPS:</b> Section 3-2.6.3(a) Required for all pressure relief devices.	Rubber Caps
28.	<b>SEVEN FOOT STACKS:</b> Section 3-2.6.3(b): Required for containers of more than 2,000 GWC.	N/A
29.*	<b>PRESSURE RELIEF DEVICES:</b> Section 2-3.2: No shutoff valves between relief device and container. Device must be marked with start-to-leak pressure in psig; rated relieving capacity in CFM air at 60 degrees F and 14.7 psia; manufacturer's name and catalog number.	Fisher H275-250
30.	<b>PROTECTION AGAINST TAMPERING:</b> Section 3-3.6: Six foot high industrial-type fence with two means of egress and three foot clearance to allow access to egress. Second gate not required if enclosure is not over 100 square feet, the point of transfer is within three feet of a gate, and containers being filled are not within enclosure; OR suitable locking devices to prevent unauthorized operation of appurtenances, system valves or equipment.	Fill cabinet to be locked when not in use
31.	<b>FIRE PROTECTION:</b> Section 3-10.2.5: Industrial plant, distributing plant - distributing point at least one approved portable fire extinguisher with minimum capacity of 20 lb dry chemical with B:C rating. New facilities and replacement of extinguishers.	20 lb fire extinguisher
32.	<b>PHYSICAL PROTECTION:</b> Section 3-2.4.1©: Where physical damage to LPG containers, or systems of which they are a part (e.g., piping, dispensing unit), from vehicles is a possibility, crash protection shall be provided.	4" pipe filled with concrete

MAIL TO: WASTE AND HAZARDOUS MATERIALS DIVISION  
STORAGE TANK UNIT  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
PO BOX 30157  
LANSING, MI 48909-7657

EQP3861 (REV 11/2002)

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division

P.O. Box 30033, Lansing, MI 48909  
Phone 517-241-8847



92085089

CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY

This information is required under 1941 PA 207, as amended. Any owner who knowingly submits false information shall be subject to misdemeanor and/or civil penalties not to exceed \$200 per day for each tank for which false information is submitted.

OWNER NAME <i>Suburban Propane</i>		LOCATION NAME OR SITE IDENTIFIER <i>North Central Co-op Inc.</i>	FACILITY ID NUMBER <i>92085089</i>
OWNER ADDRESS <i>1535 S. WALKER Rd.</i>		FACILITY STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) <i>3 EAST MAIN ST.</i>	
CITY <i>MUSKEGON</i>		CITY <i>HART</i>	ZIP CODE <i>49420</i>
STATE <i>MI</i>	ZIP CODE <i>49442</i>	AREA CODE & TELEPHONE NUMBER	
AREA CODE & TELEPHONE NUMBER <i>616-837-7366</i>		CONTACT PERSON (AT LOCATION) <i>JERRY DENNIS</i>	
TYPE OF FACILITY <input type="checkbox"/> Flammable or Combustible Liquids Storage <input checked="" type="checkbox"/> Liquefied Petroleum Gas Storage <input type="checkbox"/> Compressed Natural Gas <input type="checkbox"/> Hydrogen Storage		TYPE OF REPORT <input checked="" type="checkbox"/> New Owner <input type="checkbox"/> Closure of Facility (All Storage) <input type="checkbox"/> Closure of Tanks <input type="checkbox"/> Tank(s) Returned to Service	

**RECEIVED**

AUG 15 2016

**BUREAU OF FIRE SERVICES**

TANKS OUT-OF-USE OR CHANGE-IN-SERVICE

TANK IDENTIFICATION NUMBER	TANK # 1	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK	<i>500</i>				
PRODUCT STORED	<i>Propane</i>				
INSERT DATE IN ALL BOXES THAT APPLY					
A. DATE TANK WAS REMOVED FROM PREMISES					
B. DATE TANK WAS EMPTIED AND CLEANED					
C. DATE PIPING TO TANK WAS DISCONNECTED					
D. DATE TANK WAS CHANGED TO NONREGULATED SUBSTANCE					
E. DATE TANK WAS RETURNED TO REGULATED STORAGE					
F. DATE TANK UPGRADE REQUIREMENTS WERE MET (FL/CL)					

CERTIFICATION

(Read and Sign After Completing ALL Sections)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE

Name & Official Title of Owner/Owner's Authorized Representative (PRINT) <i>Damon Myers Ops Manager</i>	Signature 	Date <i>8-15-2016</i>
COMMENTS AND/OR CLARIFICATION <i>please update info.</i>		

MAIL to:

Department of Licensing and Regulatory Affairs  
Bureau of Fire Services, Storage Tank Division  
P.O. Box 30033  
Lansing, MI 48909

OVERNIGHT MAIL to:

Department of Licensing and Regulatory Affairs  
Bureau of Fire Services, Storage Tank Division  
3101 Technology Boulevard, Suite H  
Lansing, MI 48910

**From:** MI LARA FOIA Center <michiganlara@govqa.us>  
**Sent:** Wednesday, October 19, 2022 9:34 AM  
**To:** Savoy, Ariane  
**Subject:** FOIA Request :: R098438-101222

EXTERNAL EMAIL

--- Please respond above this line ---



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
LANSING

October 19, 2022

RE: PUBLIC RECORDS REQUEST of 10/13/2022, Reference # R098438-101222.

Dear Requester:

The Michigan Department of Licensing and Regulatory Affairs (LARA) has received your October 13, 2022 request for records and has processed it under the provisions of the Michigan Freedom of Information Act (FOIA), 1976 PA 442, MCL 15.231 *et seq.*

You requested the following, in summary:

“Records outside the spreadsheet for 15 Courtland St, Hart, MI 49420”

Your request has been denied. Please see comments below. **Please also note that a list of underground storage tank information in the possession of LARA may now be accessed via the following link: [Underground Storage Tank Information](#).**

**Comments:**

LARA certifies that, to the best of LARA's knowledge, information, and belief, the records/information requested does not exist within LARA under the description given or another reasonably known to LARA. MCL 15.235(5)(b).

*As to the denial of your request, under section 10 of the FOIA, MCL 15.240, LARA is obligated to inform you that you may do the following:*

*1) Appeal this decision in writing to Appeals Officer Adam Sandoval, Department of Licensing and Regulatory Affairs, P.O. Box 30004, Lansing, MI 48909. The writing must specifically state the word "appeal" and must identify the reason or reasons you believe the denial should be reversed. The head of the Department or her designee must respond to your appeal within 10 business days of its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.*

*2) Commence an action in the Court of Claims within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.*

If you have questions concerning this matter, please email us at [larafoiainfo@michigan.gov](mailto:larafoiainfo@michigan.gov).

To review a copy of LARA's written public summary, procedures, and guidelines, please visit [www.michigan.gov/larafoia](http://www.michigan.gov/larafoia).

Sincerely,

Andrea Moua

LARA FOIA Office



**From:** MI LARA FOIA Center <michiganlara@govqa.us>  
**Sent:** Wednesday, October 19, 2022 1:36 PM  
**To:** Savoy, Ariane  
**Subject:** FOIA Request :: R098437-101222

EXTERNAL EMAIL

--- Please respond above this line ---



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
LANSING

October 19, 2022

RE: PUBLIC RECORDS REQUEST of 10/13/2022, Reference # R098437-101222.

Dear Requester:

The Michigan Department of Licensing and Regulatory Affairs (LARA) has received your October 13, 2022 request for records and has processed it under the provisions of the Michigan Freedom of Information Act (FOIA), 1976 PA 442, MCL 15.231 *et seq.*

You requested the following, in summary:

"Records outside the spreadsheet for 15 E Main St, Hart, MI 49420"

Your request has been denied. Please see comments below. **Please also note that a list of underground storage tank information in the possession of LARA may now be accessed via the following link: [Underground Storage Tank Information](#).**

**Comments:**

LARA certifies that, to the best of LARA's knowledge, information, and belief, the records/information requested does not exist within LARA under the description given or another reasonably known to LARA. MCL 15.235(5)(b).

*As to the denial of your request, under section 10 of the FOIA, MCL 15.240, LARA is obligated to inform you that you may do the following:*

*1) Appeal this decision in writing to Appeals Officer Adam Sandoval, Department of Licensing and Regulatory Affairs, P.O. Box 30004, Lansing, MI 48909. The writing must specifically state the word "appeal" and must identify the reason or reasons you believe the denial should be reversed. The head of the Department or her designee must respond to your appeal within 10 business days of its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.*

*2) Commence an action in the Court of Claims within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.*

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To review a copy of LARA's written public summary, procedures, and guidelines, please visit [www.michigan.gov/larafoia](http://www.michigan.gov/larafoia).

Sincerely,

Andrea Moua

LARA FOIA Office

**From:** EGLE FOIA Request Center <michiganegle@govqa.us>  
**Sent:** Friday, October 14, 2022 8:59 AM  
**To:** Savoy, Ariane  
**Subject:** FOIA Request :: E300503-101222

EXTERNAL EMAIL

--- Please respond above this line ---

October 14, 2022

Reference Number: E300503-101222

Ms. Ariane Savoy  
Fishbeck  
1515 Arboretum Drive SE  
Grand Rapids, MI 49546

Dear Ms. Savoy:

This notice responds to your request for records received by the Department of Environment, Great Lakes, and Energy (EGLE), requesting information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*

You requested the following:

Records for 3 E Main St

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. After a search, to the best of this public body's knowledge, information, and belief, the public record(s) do not exist as described by you, or by another name or description reasonably known to the public body; therefore, your request to examine or receive a copy of the documents described above is denied.

As to the denial, under Section 10 of the FOIA, MCL 15.240, EGLE is obligated to inform you that you may do the following:

- 1) Appeal this decision in writing to the Senior Deputy Director, EGLE, P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal" and identify the requester's reason or reasons for the reversal of the denial. The Senior Deputy Director, or her delegated designee, must respond to the appeal within 10 business days of its receipt. Under unusual circumstances, the time for response to the appeal may be extended by 10 business days.
- 2) Commence a civil action in the Court of Claims within 180 days after the date of the final determination to partially deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

If you have questions concerning this matter, please access your online account and reply to this message there. To review a copy of EGLE's FOIA policy and procedure, public written summary, and several online databases, go to [www.michigan.gov/eglefoia](http://www.michigan.gov/eglefoia).

**From:** EGLE FOIA Request Center <michiganegle@govqa.us>  
**Sent:** Friday, October 14, 2022 8:58 AM  
**To:** Savoy, Ariane  
**Subject:** FOIA Request :: E300505-101222

EXTERNAL EMAIL

--- Please respond above this line ---

October 14, 2022

Reference Number: E300505-101222

Ms. Ariane Savoy  
Fishbeck  
1515 Arboretum Drive SE  
Grand Rapids, MI 49546

Dear Ms. Savoy:

This notice responds to your request for records received by the Department of Environment, Great Lakes, and Energy (EGLE), requesting information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*

You requested the following:

Records for 15 Courtland St

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. After a search, to the best of this public body's knowledge, information, and belief, the public record(s) do not exist as described by you, or by another name or description reasonably known to the public body; therefore, your request to examine or receive a copy of the documents described above is denied.

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- 2) Commence a civil action in the Court of Claims within 180 days after the date of the final determination to partially deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

If you have questions concerning this matter, please access your online account and reply to this message there. To review a copy of EGLE's FOIA policy and procedure, public written summary, and several online databases, go to [www.michigan.gov/eglefoia](http://www.michigan.gov/eglefoia).

**From:** EGLE FOIA Request Center <michiganegle@govqa.us>  
**Sent:** Friday, October 14, 2022 8:59 AM  
**To:** Savoy, Ariane  
**Subject:** FOIA Request :: E300504-101222

EXTERNAL EMAIL

--- Please respond above this line ---

October 14, 2022

Reference Number: E300504-101222

Ms. Ariane Savoy  
Fishbeck  
1515 Arboretum Drive SE  
Grand Rapids, MI 49546

Dear Ms. Savoy:

This notice responds to your request for records received by the Department of Environment, Great Lakes, and Energy (EGLE), requesting information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*

You requested the following:

Records for 15 E Main St

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. After a search, to the best of this public body's knowledge, information, and belief, the public record(s) do not exist as described by you, or by another name or description reasonably known to the public body; therefore, your request to examine or receive a copy of the documents described above is denied.

As to the denial, under Section 10 of the FOIA, MCL 15.240, EGLE is obligated to inform you that you may do the following:

- 1) Appeal this decision in writing to the Senior Deputy Director, EGLE, P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal" and identify the requester's reason or reasons for the reversal of the denial. The Senior Deputy Director, or her delegated designee, must respond to the appeal within 10 business days of its receipt. Under unusual circumstances, the time for response to the appeal may be extended by 10 business days.
- 2) Commence a civil action in the Court of Claims within 180 days after the date of the final determination to partially deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

If you have questions concerning this matter, please access your online account and reply to this message there. To review a copy of EGLE's FOIA policy and procedure, public written summary, and several online databases, go to [www.michigan.gov/eglefoia](http://www.michigan.gov/eglefoia).

**From:** EH Oceana County <ehoceanacounty@dhd10.org>  
**Sent:** Tuesday, October 11, 2022 11:45 AM  
**To:** Savoy, Ariane  
**Cc:** Stephanie Jacobs  
**Subject:** FOIA for 3 & 15 Main Street & 15 Courtland Street, Hart MI 49420

EXTERNAL EMAIL

Dear Ms. Savoy,

In searching our street files, there was nothing found for the 3 above-mentioned addresses. This portion of the City of Hart has been service with municipal water and sewer for many years.

Mark Hill  
Oceana County Sanitarian



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Hart Power Plant  
10-17-03



Hart Power Plant  
10-17-03





Hart Power Plant  
10-17-03





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100 Water St S  
Hart MI  
49420-1180 US

*Hart Power Plant*  
*10-17-03*

**Notes:**

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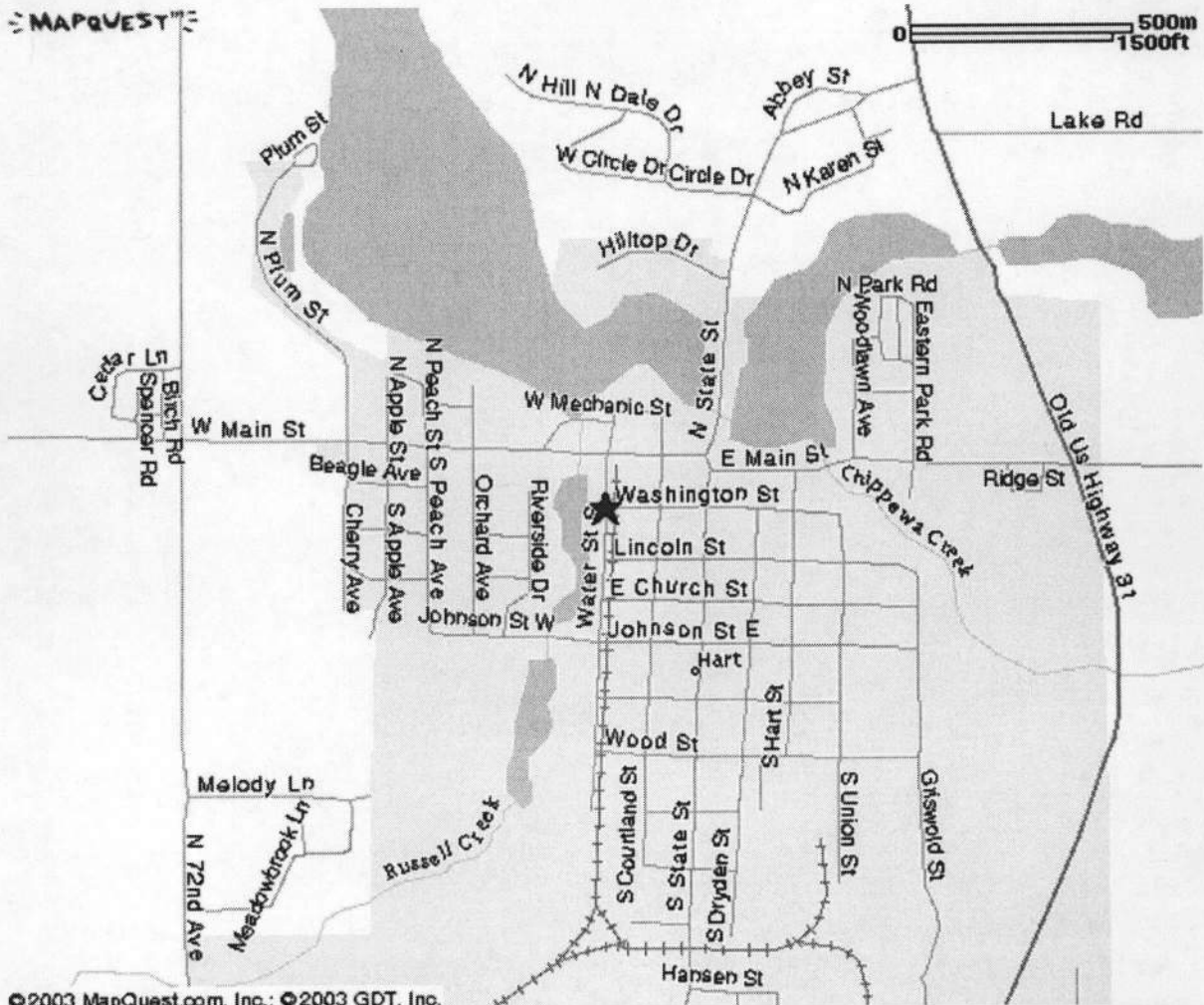
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**BASELINE ENVIRONMENTAL ASSESSMENT  
CONDUCTED PURSUANT TO SECTION 20126(1)(c)  
OF 1994 PA 451, PART 201, AS AMENDED  
AND THE RULES PROMULGATED THEREUNDER**

**101 SOUTH WATER STREET  
Hart, Oceana County, Michigan**

**PREPARED FOR:  
West Michigan Community Mental Health System**

**December 15, 2014  
Project No. 0091.03673.1**



**ROSE & WESTRA, INC.**  
ENVIRONMENTAL CONSULTANTS

4328 Three Mile Road, NW, Suite 200, Grand Rapids, MI 49534  
Telephone 616.791.7100

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## INTRODUCTION AND DISCUSSION

This Baseline Environmental Assessment (BEA) has been conducted on one parcel of real estate commonly known as 101 South Water Street, Hart, Oceana County, Michigan (the Property).

### **Owner/Operator Information**

The current owner of the primary parcel of the Property is Great Lakes IRA, LLC (FKA Entrust Great Lakes, LLC) who can be contacted through Mr. Gayle Forner at telephone (231) 873-4119. The second parcel of the Property, which is a 12-foot wide easement used as part of the Property, is owned by the City of Hart. West Michigan Community Mental Health System (WCMCHS) intends to purchase the Property in December 2014. WCMCHS will continue to operate on and utilize the Property and the southerly adjoining easement. Access to the western portion of the Property is not possible without the easement. The Property will continue to be used by WCMCHS for office space and a small retail shop. Ms. Julie VanAgtnael at telephone (231) 873-6430 represents WCMCHS.

### **Intended Use of Property**

WCMCHS does not intend to make any material changes to the improvements or use of the Property. One commercial building is present in the eastern portion of the Property. The remainder of the Property is paved parking or drives or landscaped lawn areas.

WCMCHS will continue to operate offices, work space and a small retail shop on the Property.

### **Executive Summary of All Appropriate Inquiry (AAI) or Phase I ESA**

Rose & Westra, Inc. (R&W) conducted a Phase I Environmental Site Assessment (ESA) for the Property dated December 12, 2014 (2014 Phase I ESA). The 2014 Phase I ESA is included in Appendix BEA-A.

The 2014 Phase I ESA identified the following recognized environmental conditions (RECs) associated with the Property:

- The likely releases of oil, solvents, fuel, and/or other hazardous substances to the Property from the historical vehicle maintenance/repair and body shop operations on the Property
- The likelihood of former underground storage tanks (USTs) use and associated releases
- The likelihood of contamination from the adjoining agricultural co-op and railroad operations migrating to the Property

The on-site operations which led to these RECs likely ceased prior to 2005/2006. R&W did not identify any indications the operations conducted on the Property since that time led to additional releases of hazardous substances or petroleum products on the Property.

### **Any Exceptions to, or Deletions from AAI Rule 40 CFR 312 or ASTM E1527-05 / ASTM E1527-13**

The following modifications and exceptions to the Standard Practice were made during completion of the 2014 Phase I ESA:

- The Michigan Department of Environmental Quality (MDEQ) Remediation and Redevelopment Division (RRD) maintains two lists of locations which have had releases from USTs. Locations on the "closed" list have been remediated to the satisfaction of either the MDEQ or the Qualified Underground Storage Tank Consultant at the time of closure. Since these locations reportedly pose no material threat to human health or the environment, locations with "closed" UST-related releases within 0.5 mile of the Property are not discussed in this Assessment unless they were located on or adjacent to the Property.

The following limitations to the Standard Practice were encountered during completion of the 2014 Phase I ESA:

- The tribal reservation search only identifies Indian-administered lands equal to or greater than 640 acres. Indian-administered lands smaller than 640 acres in the vicinity of the Property would not be identified. This constitutes a data gap as defined by the Standard Practice. R&W does not know about any such Indian-administered lands in the vicinity of the Property; therefore, R&W does not believe this data gap is significant.
- The historical use of the Property was traced back to 1900 when the Property was improved with a large livery. No older historical information both reasonably ascertainable and likely to be useful was identified during this Assessment. Therefore, the Property's first developed use was not determined as required by the Standard Practice. Since this was likely the first use of the Property, R&W does not believe this data failure constitutes a material data gap as defined by the Standard Practice.

### **Data Gaps**

Please see previous section for discussion about data gaps in the 2014 Phase I ESA. R&W opined the data gaps were not significant.

### **Prior Sampling Completed**

R&W did not identify any prior sampling, investigations, or BEAs completed for the Property.

## Current Sampling Completed

On November 14, 2014, Great Lakes Subsurface, L.L.C. (GLS) completed a ground penetrating radar and electromagnetic induction (GPR/EM) survey of the exterior portions of the Property. A copy of this report is included in Appendix BEA-B.

The GPR/EM survey identified several anomalies on the Property which were potentially buried object locations (i.e., USTs). These locations were considered and incorporated into the Phase II ESA completed on the Property. No additional evidence of USTs was found in the borings performed on the site. These borings were located in the anomaly areas which appeared to be most consistent or most likely to be USTs. Based on this, it does not appear likely USTs are present on the Property.

On November 18, 2014, R&W performed six soil borings outside the building. Two borings (RWB-1 and RWB-2) were located near metal anomalies identified on the northeast portion of the site. One boring (RWB-3) was completed in the southeast portion of the site near a metal anomaly. Three borings were located on the west side of the property, in an area with possible floor drain discharge and metal anomalies. The soil boring locations are shown on Figure 1.

The Brye Environmental Soil Testing (B.E.S.T.; Okemos, Michigan) performed drilling at the Property. B.E.S.T. used direct push drilling methods to complete the drilling. Drilling was completed by continuously advancing a 2.0-inch Macro-Core® from the ground surface to the desired depth.

R&W staff made visual, tactile, and olfactory observations of recovered soil for noticeable impacts. The soil was also screened for the presence of volatile organic compounds (VOCs) using a MiniRAE 2000 Photo ionization Detector (PID). The PID was calibrated according to the manufacturer's instructions with a mixture of 100 parts per million (ppm) isobutylene in air. The PID field screening results are presented in ppm by volume (total concentration as isobutylene) in the head space (air) over the soil being tested. Screening results are included in the enclosed boring logs. Samples for potential laboratory testing were collected from recovered soil exhibiting visual evidence of potential impact or from soil where contamination may occur (e.g., soil texture transitions). Borings were drilled up to 20.0 feet below the ground surface (bgs). Boring logs are presented in Appendix BEA-C.

Borings were backfilled with soil cuttings and chunk bentonite in accordance with MDEQ guidance (and field procedures) from ASTM International's *Standard Guide for Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities* (Designation D5299-99; re-approved 2005).

The borings were located relative to the surface features. All down hole sampling tools and temporary monitoring well materials were decontaminated between borings with Liquinox™ and water.

R&W collected the soil samples for potential laboratory analysis according to MDEQ *RRD Operational Memorandum No. 2, Attachment 5* (2004). Soil samples were collected and



placed in labeled containers prior to being placed in a chilled cooler and taken to Bio-Chem Laboratories, Inc. (Bio-Chem; Grand Rapids, Michigan) for analysis. The samples were handled and transported according to procedures presented in MDEQ *RRD Operational Memorandum No. 2, Attachment 4*. Selected samples were analyzed for the extended list of volatile organic compounds (VOCs), polynuclear aromatics (PNAs), and/or Michigan 18 metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc).

Groundwater was not encountered in any soil boring.

## **Analytical Data and Test Results**

The investigation findings are summarized below.

### **Site Geology**

The site surface is paved with asphalt. Asphalt sub-base (poorly sorted fine to coarse grained sand with silt and gravel) was observed beneath two borings. Fill soil, fine to coarse grained sand with gravel and some debris (brick fragments, concrete fragments, and cinders) was in all six borings. Fill soil ranged in thickness from approximately 0.4 feet (RWB-4) to 2.3 feet (RWB-2). Dark yellowish-brown, well sorted, fine to medium grained sand was encountered beneath the fill soil. The sand thickness ranged from approximately 2.2 feet (RWB-1) to approximately 5.4 feet (RWB-3). Poorly sorted, brown silty to sandy clay was observed beneath the sand formation in all borings. Occasional very thin seams of fine grained sand were present in the clay. The top of the clay ranged in depth from approximately 3.6 feet bgs (RWB-4) to approximately 6.2 feet bgs (RWB-3). The interface between the sand and clay formations was not observed in all borings. The interface was occasionally in the portion of the unrecovered sample. The clay formation averaged approximately 4.3 feet thick. Beneath the clay formation, well sorted pale brown, fine to medium moist sand was encountered. A thin silt layer was observed within the sand formation in all borings (where recovery occurred). Sand continued to the end of the boring except at RWB-2, where silty clay was once again encountered (approximately 12.1 feet bgs to the end of recovered soil).

### **Photo-Ionization Detector (PID) Field Screening**

Recovered soil was screened using a PID. The PID field screening did not detect any VOCs. Screening results are included on the boring logs in Appendix BEA-C.

### **Laboratory Testing**

A copy of the Bio-Chem laboratory report has been included as Appendix BEA-D. The laboratory reports identify the analytical testing method used for each identified parameter.

Mercury was detected in the soil sample collected from RWB-3 (690 µg/kg) above MDEQ's Generic Cleanup Criteria (GRCC) for Groundwater Surface Water Interface Protection (GSIP; 50 µg/kg and 600 µg/kg – its background default concentration).

Other metals were detected in the soil samples but were below all MDEQ GRCC.

Several PNAs were detected in the soil samples collected from RWB-3 and RWB-4 but were below all MDEQ GRCC. PNAs in the shallow fill soil and debris (brick fragments, concrete fragments, and cinders) indicate anthropogenic hazardous substance/petroleum product releases occurred at the Property, even though their concentrations are below all GRCC. This is consistent with the boring logs and site history. It appears urban fill is present throughout the Property.

No VOCs were detected in collected soil samples.

The analytical results for soil samples collected during this Phase II ESA are summarized on Table 1. The sample locations along with the results exceeding Michigan's current GRCC are illustrated on Figure 1.

### **Facility Status**

Mercury present in soil above its current Michigan Part 201 GRCC demonstrates the Property is a "Facility" as defined by Michigan's Natural Resources and Environmental Protection Act (NREPA) Part 201, as amended.

## **PROPERTY INFORMATION**

### **Legal Description of Property**

See Appendix BEA-E for the legal descriptions of the Property.

### **Survey Map**

A location map showing the area of the Property is included as Figure 1 in the 2014 Phase I ESA (see Appendix BEA-A). Figure 1 in this BEA illustrates the approximate Property boundaries. The permanent parcel number (PPNs; tax identification number) for the Property is 64-020-206-007-00; this includes a 12-foot easment on the southern side of the legally described parcel.

### **Scaled Site Map**

See Figure 1 for a scaled map with site features and 2014 sample locations, depths, and contaminant concentrations above MDEQ's current Part 201 GRCC.

### **Property Location**

The Property is commonly known as 101 South Water Street, Hart, Michigan 49420. Figure 1 in the 2014 Phase I ESA presents a location map (see Appendix BEA-A).

### **Property Location and Spatial Data**

The Property is located in the Northwest 1/4 of the Northeast 1/4 of Section 17, Town 15 North, Range 17 West, Oceana County, Michigan. The approximate latitude and longitude of the Property are N 43.701846° / W -86.366190° (obtained by interpolation; estimated center of the Property).

## FACILITY STATUS

Soil sampling and analysis conducted in November 2014 identified mercury in soil at a concentration greater than MDEQ's current GRCC. Its presence above the current Michigan Part 201 GRCC documents the subject site as a "Facility" per NREPA Part 201, as amended.

The contamination on the Property appears to have resulted from historical operations on the Property. Based on the long history of petroleum product and other hazardous substance use on the Property and possible contamination migration from nearby sites, it is likely various metals and possibly PNAs may also be found at concentrations in soil and/or groundwater at other locations on the Property above their respective current Michigan Part 201 GRCC.

PNAs in the shallow fill soil and debris (brick fragments, concrete fragments, and cinders) also indicate anthropogenic hazardous substance/petroleum product releases at the Property, even though their concentrations are below all MDEQ GRCC. This is consistent with the boring logs and site history. It appears urban fill is present throughout the Property.

Table 1 has the Summary of Soil Analytical Data and the chemical abstract service (CAS) numbers for the analytes detected. The laboratory analytical data sheets and chain-of-custody documents are included in Appendix BEA-D.

## IDENTIFICATION OF THE AUTHOR OF THE BEA

This BEA was conducted by Ms. Loretta J. Powers of Rose & Westra, Inc. (R&W). Ms. Powers' resume and R&W's Company Profile are presented in Appendix BEA-F.

A handwritten signature in blue ink, reading "Loretta J. Powers", is written over a horizontal line.

Loretta J. Powers  
Rose & Westra, Inc.  
4328 Three Mile Road NW, Suite 200  
Grand Rapids, Michigan 49534-1188  
Phone: 616.791.7100

## **AAI REPORT OR ASTM PHASE I ESA**

The 2014 Phase I ESA for the Property has been included in Appendix BEA-A.

## REFERENCES

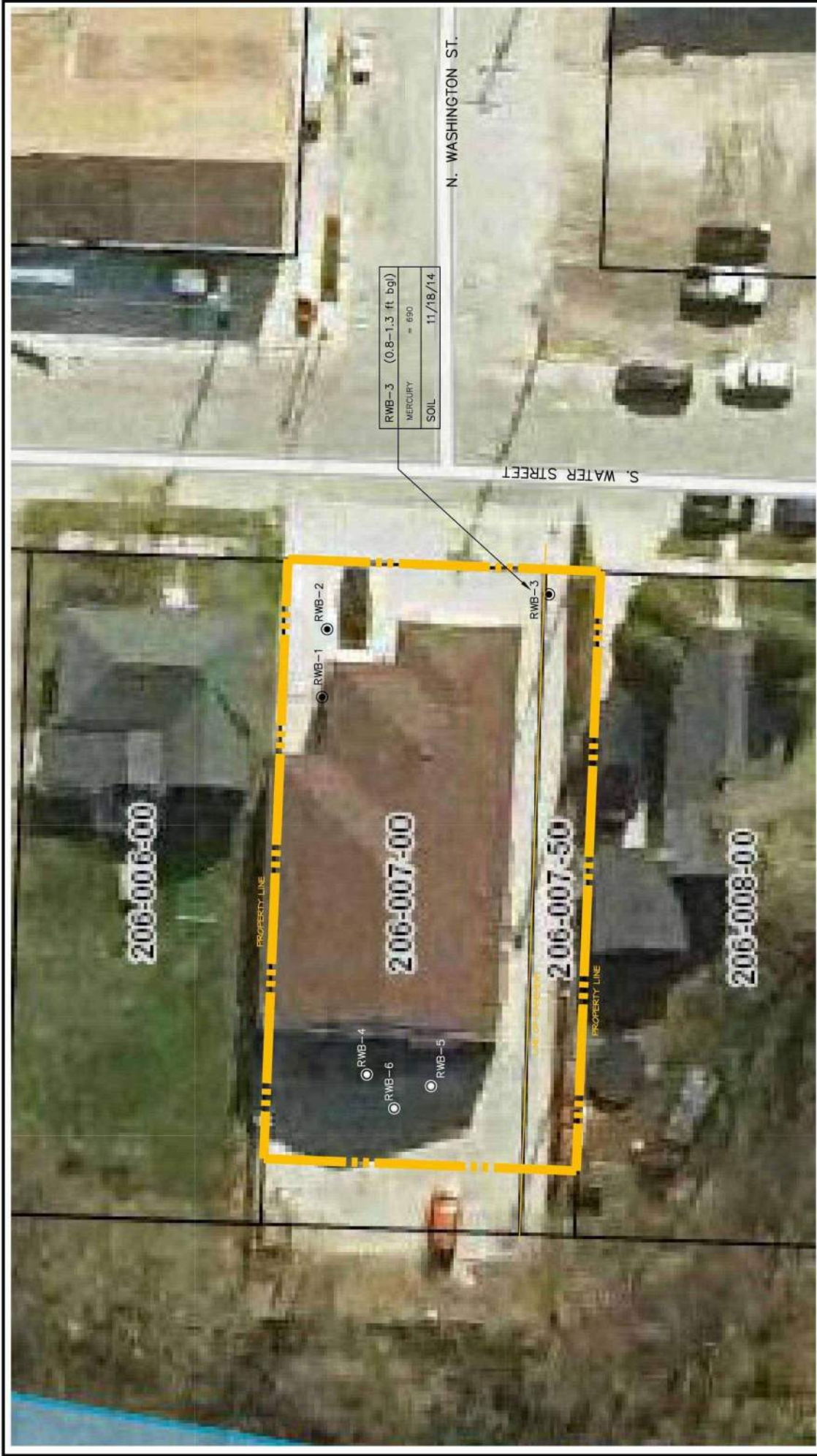
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**TABLE 1: SUMMARY OF SOIL ANALYTICAL DATA**  
101 South Water Street  
Hart, Michigan

Hazardous Substance	Hazardous Substance Information		Groundwater Protection		Indoor Air		Ambient Air (Y)		Soil Samples					
	Chemical Abstract Service (CAS) Number	Typical Statewide Background Range	Residential Drinking Water Protection Criteria (DWPC)	Groundwater Surface Water Interface Protection Criteria (SSIC)	Groundwater Contact Protection Criteria (SCPC)	Soil Volatilization to Indoor Air Inhalation Criteria (SVIAC)	Infinite Source Volatile Soil Inhalation Criteria (VSIIC)	Particulate Soil Inhalation Criteria (PSIC)	Direct Contact Criteria (DCC)	Soil Saturation Concentration Screening Levels (SSAT)	RWB-1 0-2.0 ft 11/18/2014	RWB-3 0.8-1.3 ft 11/18/2014	RWB-4 0.7-1.0 ft 11/18/2014	RWB-5 3.7-4.2 ft 11/18/2014
VOCS														
Various VOCs														
Acenaphthene	83329	NA	300,000	8,700	970,000	1.9E+8	8.1E+7	1.4E+10	1.4E+7	NA	<330	<330	<330	<330
Acenaphthylene	208968	NA	5,900	ID	440,000	1.6E+6	2.3E+6	1.6E+6	1.6E+6	NA	<330	<330	<330	<330
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+8	6.7E+10	2.3E+8	NA	<330	<330	<330	<330
Benzo[a]anthracene (B)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	<330	<330	<330	<330
Benzo[a]pyrene (B)	50328	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	<330	<330	<330	<330
Benzo[b]fluoranthene (B)	205952	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	<330	<330	<330	<330
Benzo[k]fluoranthene (B)	191242	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	<330	<330	<330	<330
Benzo[e]pyrene (B)	201089	NA	NLL	NLL	NLL	NLV	NLV	ID	200,000	NA	<330	<330	<330	<330
Chrysene (C)	218019	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	<330	<330	<330	<330
Dibenz[a,h]anthracene (D)	33703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	<330	<330	<330	<330
Fluoranthene	206540	NA	390,000	5,300	730,000	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	<330	<330	<330	<330
Indeno[1,2,3-cd]perylene (I)	88737	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	<330	<330	<330	<330
Naphthalene	193396	NA	36,000	730	280,000	2.0E+6	300,000	2.0E+8	1.8E+7	NA	<330	<330	<330	<330
Phenanthrene	86218	NA	56,000	2,100	1.1E+6	2.0E+6	160,000	6.7E+6	1.6E+6	NA	<330	<330	<330	<330
Pyrene	129000	NA	469,000	ID	480,000	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	<330	<330	<330	<330
Metals														
Antimony (B)	7440360	<40-2,500	4,300	94,000 (X)	4,9E+7	NLV	NLV	1.3E+7	180,000	NA	<500	<500	<500	<500
Arsenic (B)	7440382	<470-27,700	4,800	4,800	2.0E+6	NLV	NLV	720,000	7,600	NA	1,100	1,900	1,900	1,900
Barium (B)	7440393	4,000-220,000	1,35E+6	4.4E+5 (G)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	21,000	15,000	65,000	5,400
Beryllium (B)	7440117	<200-1,800	51,000	8,1E+4 (G)	1.0E+9 (D)	NLV	NLV	3.3E+8	4.10,000	NA	<200	<200	<200	<200
Cadmium (B)	7440439	<50-2,500	6,000	3,800 (G,X)	2.3E+8	NLV	NLV	1.7E+6	550,000	NA	<200	<200	<200	<200
Chromium (total) (E,H)	7440665	1,400-53,000	30,000	3,300	1.4E+6	NLV	NLV	260,000	2.5E+6	NA	4,700	2,500	4,500	1,900
Cobalt (B)	7440484	<3,000-12,000	860	2,000	4.9E+7	NLV	NLV	1.3E+7	2.6E+6	NA	1,500	960	960	840
Copper (B)	7440508	1,000-58,000	5.8E+6	7.3E+4 (G)	1.0E+9 (D)	NLV	NLV	1.3E+8	3.0E+7	NA	4,900	3,700	9,900	800
Lead (B) - Total	7439998	652,000-34,233,000	6,900	1,0E+9 (D)	1.0E+9 (D)	NLV	NLV	1.0E+8	3.8E+8	NA	3,600,000	2,200,000	3,200,000	1,600,000
Lead (B) - Inorganic	7439921	1,800-45,000	700,000	ID	ID	NLV	NLV	1.0E+8	400,000	NA	14,000	110,000	110,000	<1,000
Mercury (total) (E,Z)	7439976	<5-600	1,700	2.8E+6 (G,X)	2.8E+6 (G,X)	NLV	NLV	2.0E+7	180,000	NA	150	699	250	<50
Molybdenum (B)	7439987	<25-600	1,500	84,000 (X)	1.9E+7	NLV	NLV	2.0E+7	2.0E+7	NA	250	280	390	<500
Nickel (B)	7440020	2,400-39,000	100,000	7.8E+4 (G)	1.0E+9 (D)	NLV	NLV	1.3E+7	4.0E+6	NA	4,600	2,400	3,300	2,100
Selenium (B)	7782492	<50-1,200	4,000	7.8E+7	7.8E+7	NLV	NLV	1.3E+8	2.0E+8	NA	<200	<200	<200	<200
Silver (B)	7440224	<200-2,000	4,500	100 (M), 27	2.0E+8	NLV	NLV	6.7E+8	2.5E+8	NA	<500	<500	<500	<500
Thallium (B)	7440280	<60-3,800	2,300	4.200 (X)	1.5E+7	NLV	NLV	1.3E+7	35,000	NA	<500	<500	<500	<500
Vanadium (B)	7440622	2,000-99,000	72,000	430,000	1.0E+9 (D)	NLV	NLV	7.5E+5 (DD)	1.7E+8	NA	4,900	3,200	4,100	1,500
Zinc (B)	7440666	2,500-75,000	2.4E+6	1.7E+5 (G)	1.0E+9 (D)	NLV	NLV	1.7E+8	1.7E+8	NA	52,000	24,000	82,000	2,800

**Notes:**  
 All units in ug/kg (parts per billion).  
 \* Typical range of values as outlined in the Michigan Background Soil Survey, 2005  
 For complete definitions of the footnotes, used in this table see R 208.5750 of the Michigan Administrative Code  
**Boxd** = Value exceeds the Groundwater Surface Water Interface Protection Criteria.  
 NT = Not detected  
 NT = Not tested  
 < XXX = Concentration of the hazardous substance does not exceed its method detection limit (MDL).  
 ID = Insufficient data to develop criterion.  
 NA = Criterion or value is not available or not applicable.  
 NLL = Hazardous substance is not likely to volatilize under most soil conditions.  
 NLV = Hazardous substance is not likely to volatilize under most conditions.  
 (B) Background as defined in MCL 324.2010(1)(i), may be substituted if higher than the calculated cleanup criterion.  
 (D) Calculated criterion exceeds 100%, hence it is reduced to 100% or 1.0E+9 ug/kg.  
 (E) Criterion is the aesthetic drinking water value, as required by section 20120a(5) of NREPA. Health based criteria may be used under certain conditions.  
 (G) Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. A hardness of 150 mg CaCO3/L was used to calculate this criteria.  
 (H) Volatile organic compound (VOC) (H) and (V) shall be compared to the corresponding surface-specific cleanup criteria. If analytical data are provided for total chromium only, they shall be compared to the cleanup criteria for Cr VI.  
 (M) = Calculated criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply.  
 (X) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.  
 (Y) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo[a]pyrene.  
 (Z) = The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source or used for Great Lakes and connecting waters.  
 (\*) = Source size modifiers shall be used to determine soil inhalation criteria for ambient air when the source size is not 1/2 acre.  
 (DD) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury.  
 (DD) = Hazardous substance causes developmental effects.  
 \*Please refer to the Footnotes for Part 201 Criteria and Part 213 Risk-Based Screening Levels, December 4, 2013 for a more complete description of the above items.





**LEGEND**

● = SOIL BORING LOCATION

NOTE: (ONLY CONTAMINANTS ABOVE GRCC SHOWN)

PPN = 64-020-206-007-00

LATITUDE = N 43.701846  
 LONGITUDE = W 86.366190  
 (INTERPOLATED AT CENTER OF SITE)



**ROSE & WESTRA, INC.**  
 ENVIRONMENTAL CONSULTANTS  
 Grand Rapids, Michigan

CREATED BY: K.B APPROVED BY: LJP DATE: 12/12/14 FILE NAME: 036731\_BEA

**SITE PLAN W/ SAMPLE LOCATIONS & RESULTS**

**WEST MICHIGAN COMMUNITY MENTAL HEALTH SYSTEM**  
 101 S. WATER STREET, HART, MICHIGAN  
 BASELINE ENVIRONMENTAL ASSESSMENT

PROJECT NO.  
 0001026131

**1**

FIGURE NO.

Quick Search

Advanced Search

Site ID

Recent Sites

Site Contacts

### 457967 / MIG000006978 CITY OF HART 407 STATE ST, HART, MI 49420

#### Site

##### Site Name

CITY OF HART

#### Site Identification

<b>WDS ID Number:</b>	457967	History...
<b>Site ID Number:</b>	MIG000006978	History...
<b>Legal Site Name:</b>	CITY OF HART	History...
<b>Specific Site Name:</b>	CITY OF HART	History...
<b>District:</b>	GRAND RAPIDS	

#### Address Identification

Location Address	Mailing Address
407 STATE ST CITY HALL HART MI 49420-1299	407 STATE ST CITY HALL HART MI 49420-1299
History...	History...

#### Miscellaneous

<b>Tax Number:</b>	History...
<b>No Number Because:</b>	

GPS Coordinates (provide five decimal places)
<b>Latitude Coordinate:</b>
<b>Longitude Coordinate:</b>
<b>Collection Method:</b>

<b>Receives All Waste?:</b>	No
<b>Railroad?:</b>	No
<b>Facility on Indian Reservation Land?:</b>	No
<b>Utilization Activities:</b>	
<b>Scrap Tires Activities:</b>	
<b>Scrap Tires Acres:</b>	
<b>NAICS Codes (up to four six-digit codes):</b>	
(The list of NAICS codes in WDS is based on the 2007 definitions provided by the U.S.Census Bureau.)	
000000 - No NAICS Value Reported to Date (INACTIVE)	

#### Haz Waste Contact

<b>First Name:</b>	BERRY	<b>M.I.:</b>	
<b>Last Name:</b>	VINCENT		
<b>Phone Number:</b>	(616) 873-2434	<b>Ext:</b>	<b>Fax:</b>
<b>Alternate Phone:</b>			
<b>Email Address:</b>			

Owner/Operator (0)

Activities (1)

Site ID Fees (0)

Comments (0)

**Petitions (0)**

**Used Oil Biennial Reports (0)**

**Parceling (0)**

**Institutional Controls (0)**

**Exemptions (0)**

<b>Discovery Date</b>	<b>Source of Information</b>	<b>Summary</b>
1/1/1970	State	Liquid industrial waste generator

August 13, 2004  
2040848G

Michigan Department of Environmental Quality  
Waste and Hazardous Materials Division  
P.O. Box 30157  
Lansing, MI 48909-7657

SITE/CO \_\_\_\_\_  
FILE NAME IR/RA  
TITLE R/W  
DOCUMENT Prein & Newhof  
UST Removal  
Report

Re: UST removed near 108 South Courtland Street, City of Hart, MI

To Whom It May Concern:

The purpose of this letter is to supplement a confirmed release from an UST system that was discovered in the City of Hart's right-of-way during installation of underground utilities. The UST was discovered during installation of a storm sewer along the east side of South Courtland Street, between Washington Street and Lincoln Street. The UST was located in the Courtland Street right-of-way, under a grass section between the curb for Courtland Street and the adjacent sidewalk, in front of a building to the east with the address of 108 Courtland Street. A map showing the location of the former UST is provided in Appendix I.

**Summary of Activity**

The City of Hart retained Wadel Stabilization to resurface a parking lot and extend a storm sewer to the parking. The UST was discovered August 6, 2004, during storm sewer installation. Wadel Stabilization removed the tank and an approximately 10 foot section of four-inch diameter pipe that extended north from the tank. The tank was constructed of steel and was six feet long by four feet in diameter and had an estimated capacity of 500 gallons. The former use of the UST is not known, but the liquid in the tank exhibited a petroleum odor, and we have presumed the past use was for gasoline. The top of the tank was reportedly 18 inches below the top of the adjacent sidewalk. The removal of the liquid from the UST, cleaning, UST removal from the Site, and final disposition of the UST were undertaken by Adam's Trucking, a subcontractor for Wadel Stabilization, and was completed on August 6, 2004.

Mr. Dave Dillingham, the City of Hart DPW supervisor, identified the location of the former UST to the Prein&Newhof representative. Prein&Newhof advanced hand auger borings in the vicinity of the former UST to collect Site Assessment samples from beneath each end of the tank. A field sketch of the soil boring locations is provided in Appendix II.

Samples were collected from HA-1 (6'), and HA-2 (5.5'), which represent bottom samples. HA-3, HA-4, and HA-5 were advanced in areas to the west, south, and east of the UST, respectively, to evaluate for the potential of contamination under the right-of-way, and sidewalk. A sample was collected from HA-3 (4.5') for laboratory analysis.

**Summary of Analytical Results**

The samples were tested for UST volatiles and PNA compounds. Copies of the lab reports are provided in Appendix III.

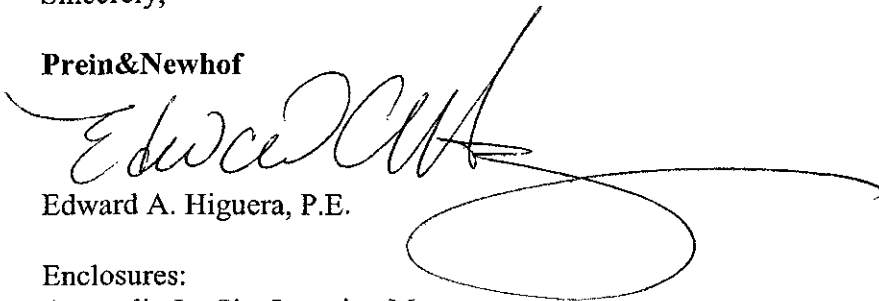
Toluene was the only UST Volatile constituent detected in HA-3 (4.5') at 62 ug/Kg. The presence of toluene at concentration above the method detection limit represents a confirmed release under Part 211. No PNA compounds were detected in this sample.

It is our understanding that the City of Hart had no knowledge of this UST prior to its discovery and did not operate or ever use the former UST. Once the tank was discovered in the City's right-of-way, the City undertook measures to have the tank removed. Therefore, the City of Hart has no further liability with respect to the release.

If you have any questions, please call.

Sincerely,

**Prein&Newhof**

A handwritten signature in black ink, appearing to read "Edward A. Higuera", with a large, sweeping flourish extending to the right and a circular scribble below it.

Edward A. Higuera, P.E.

Enclosures:

- Appendix I – Site Location Map
- Appendix II – Field Sketch of Soil Boring Locations
- Appendix III – Laboratory Report

c: MDEQ-STD Grand Rapids

*Appendix I*

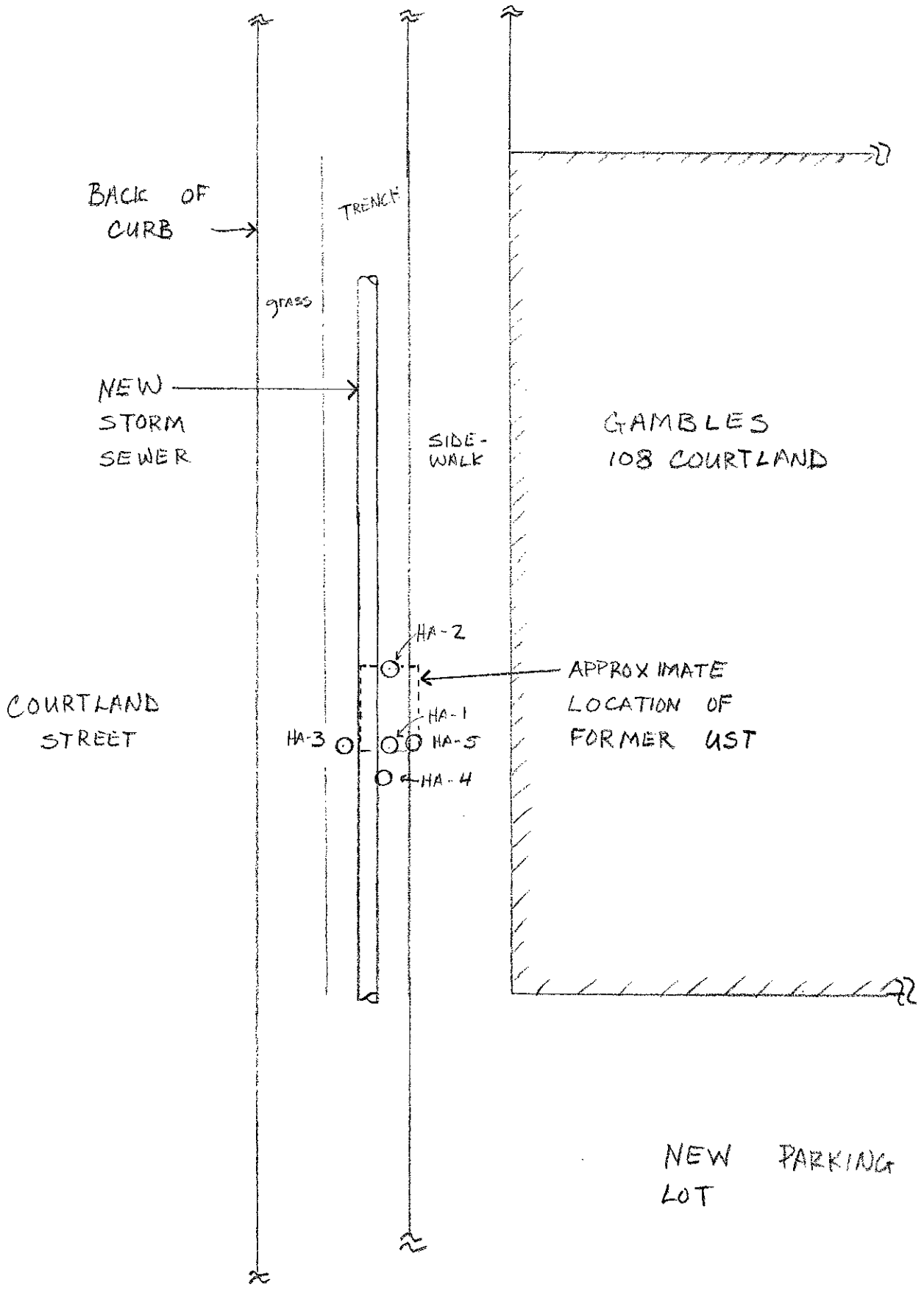
---

- *Site Location Map*



- *Field Sketch of Soil Boring Locations*





Scale 1" ≈ 10'

*Appendix III*

---

- *Lab Reports*

# Prein & Newhof

Engineers ■ Surveyors ■ Environmental ■ Laboratory

Delivery Group : 2004:0004242  
 Customer Name: Prein & Newhof  
 Address: 3355 Evergreen Dr NE

Project #: 2040848L  
 Contact Name: Mr Ed Higuera PE  
 : 3355 Evergreen Dr NE

8/12/04

Grand Rapids, MI 49525

: Grand Rapids, MI 49525

Sampled By : T Woodburne P&N

Project Name: Hart - 108 Courtland St

Lab Log #: 2004:0004242-1

Client Sample ID: HA-1 6'

Sample Received: 8/ 9/04

Sample Date: 8/ 6/04

As Recvd

Parameter	Units	As Received	Dry Wt. Basis	Analyst	Method #	Analysis Date	MDL
Prep: SVOA Extraction				DEWITT		8/10/04	
2 Methyl Naphthalene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Acenaphthene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Acenaphthylene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Anthracene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Benzo(a)anthracene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Benzo(a)pyrene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Benzo(b)fluoranthene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Benzo(ghi)perylene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Benzo(k)fluoranthene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Chrysene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Dibenzo(a,h)anthracene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Fluoranthene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Fluorene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Indeno(1,2,3-cd)pyrene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Naphthalene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Phenanthrene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Pyrene	µg/kg	<250	<308	DEWITT	8310	8/10/04	250
Solids, Total (TS)	%	81.0		DEWITT	160.3	8/ 9/04	0.010
1,2 - Dibromoethane (EDB)	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40
1,2 - Dichloroethane	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40
1,2,4 - Trimethylbenzene	µg/kg	<80	<98.7	DEAN	5035/8260	8/10/04	80
1,3,5 - Trimethylbenzene	µg/kg	<80	<98.7	DEAN	5035/8260	8/10/04	80
Benzene	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40
Ethylbenzene	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40
Methyl tert-butyl Ether (MTBE)	µg/kg	<200	<246	DEAN	5035/8260	8/10/04	200
Toluene	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40
Xylene, m/p	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40
Xylene, o	µg/kg	<40	<49.3	DEAN	5035/8260	8/10/04	40

Lab Log #: 2004:0004242-2

Client Sample ID: HA-2

Sample Received: 8/ 9/04

Sample Date: 8/ 6/04

As Recvd

Parameter	Units	As Received	Dry Wt. Basis	Analyst	Method #	Analysis Date	MDL
Prep: SVOA Extraction				DEWITT		8/10/04	
2 Methyl Naphthalene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Acenaphthene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Acenaphthylene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250

3260 Evergreen Drive, NE Grand Rapids, MI 49525 t. 616-364-7600 f. 616-364-4222 www.preinnewhof.com

# Prein & Newhof

Engineers ■ Surveyors ■ Environmental ■ Laboratory

Anthracene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Benzo(a)anthracene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Benzo(a)pyrene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Benzo(b)fluoranthene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Benzo(ghi)perylene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Benzo(k)fluoranthene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Chrysene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Dibenzo(a,h)anthracene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Fluoranthene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Fluorene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Indeno(1,2,3-cd)pyrene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Naphthalene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Phenanthrene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Pyrene	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Solids, Total (TS)	%	89.0		DEWITT	160.3	8/ 9/04	0.010
1,2 - Dibromoethane (EDB)	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40
1,2 - Dichloroethane	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40
1,2,4 - Trimethylbenzene	µg/kg	<80	<89.8	DEAN	5035/8260	8/10/04	80
1,3,5 - Trimethylbenzene	µg/kg	<80	<89.8	DEAN	5035/8260	8/10/04	80
Benzene	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40
Ethylbenzene	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40
Methyl tert-butyl Ether (MTBE)	µg/kg	<200	<224	DEAN	5035/8260	8/10/04	200
Toluene	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40
Xylene, m/p	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40
Xylene, o	µg/kg	<40	<44.9	DEAN	5035/8260	8/10/04	40

Lab Log #: 2004:0004242-3

Client Sample ID: HA-3 4.5'

Sample Received: 8/ 9/04

Sample Date: 8/ 6/04  
Analysis Date

As Recvd

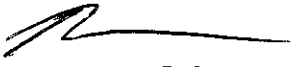
MDL

Parameter	Units	As Received	Dry Wt. Basis	Analyst	Method #	Analysis Date	As Recvd MDL
Prep: SVOA Extraction				DEWITT		8/10/04	
2 Methyl Naphthalene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Acenaphthene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Acenaphthylene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Anthracene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Benzo(a)anthracene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Benzo(a)pyrene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Benzo(b)fluoranthene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Benzo(ghi)perylene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Benzo(k)fluoranthene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Chrysene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Dibenzo(a,h)anthracene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Fluoranthene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Fluorene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Indeno(1,2,3-cd)pyrene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Naphthalene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Phenanthrene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250
Pyrene	µg/kg	<250	<265	DEWITT	8310	8/10/04	250

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Solids, Total (TS)	%	94.0		DEWITT	160.3	8/ 9/04	0.010
1,2 - Dibromoethane (EDB)	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40
1,2 - Dichloroethane	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40
1,2,4 - Trimethylbenzene	µg/kg	<80	<85.1	DEAN	5035/8260	8/10/04	80
1,3,5 - Trimethylbenzene	µg/kg	<80	<85.1	DEAN	5035/8260	8/10/04	80
Benzene	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40
Ethylbenzene	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40
Methyl tert-butyl Ether (MTBE)	µg/kg	<200	<212	DEAN	5035/8260	8/10/04	200
Toluene	µg/kg	58.0	61.7	DEAN	5035/8260	8/10/04	40.0
Xylene, m/p	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40
Xylene, o	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40

Samples received on ice.



**Robert Erickson, Laboratory Director**



RECEIVED STD-GR

Perm 8-3-99

11-18-99

MAR - 2 2000 DEQ

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - STORAGE TANK DIVISION

UNDERGROUND STORAGE TANK SYSTEM SITE ASSESSMENT REPORT AND CLOSURE OR CHANGE-IN-SERVICE REGISTRATION FORM

This information is required under Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, Act 451 of the Public Acts of 1994, being Sections 324.21101 to 324.21113 of the Michigan Compiled Laws Annotated. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5000 per day for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS: For permanent closure and change-in-service, complete all the information on this form and submit with the site assessment analytical results, chain of custody and site sketch which indicates the location and depths of tanks, piping, and samples. This form must be received within 45 days of the samples being taken. The owner is required to keep a copy of the site assessment report for a minimum of three years. See reverse side of this form for additional information.	FACILITY ID NUMBER <b>008478</b>
---	-------------------------------------

I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
NAME OF OWNER (CORPORATION, INDIVIDUAL, ETC.) <b>Blarney Castle Oil Co.</b>			FACILITY NAME OR COMPANY SITE IDENTIFIER <b>Hart EZ Mart #2</b>		
STREET ADDRESS <b>P.O. Box 246</b>			STREET ADDRESS (PO BOX NOT ACCEPTABLE) <b>223 State St.</b>		
CITY <b>Bear Lake</b>	STATE <b>MT</b>	ZIP CODE <b>49614</b>	CITY <b>Hart</b>	STATE <b>MI</b>	ZIP CODE <b>49420</b>
AREA CODE & TELEPHONE NUMBER <b>(231) 864-3111</b>			CONTACT PERSON FOR LOCATION <b>Blaine Garwood</b>		
			AREA CODE & TELEPHONE NUMBER <b>(231) 864-3111</b>		

III. TANK INFORMATION					
TANK NUMBER	<b>9</b>				
TANK SIZE	<b>550</b>				
SUBSTANCE STORED	<b>used oil</b>				
DATE LAST USED	<b>8/3/99</b>				
DATE CLOSED	<b>8/3/99</b>				
REMOVED FROM GROUND	<b>YES</b>				
CLOSED IN PLACE (INDICATE TYPE OF FILL)					
CHANGE-IN-SERVICE					
OWNER'S NAME <b>Blarney Castle Oil Co</b>	OWNER'S SIGNATURE		DATE		

IV. SUBMITTER INFORMATION		
SUBMITTED BY (COMPANY NAME) <b>Blarney Castle Oil Co</b>	NAME (INDIVIDUAL) <b>Blaine L. Garwood</b>	
SIGNATURE <i>[Signature]</i>	DATE <b>11-15-99</b>	AREA CODE & TELEPHONE NUMBER <b>(231) 864-3111</b>

DO NOT WRITE BELOW THIS LINE (FOR OFFICE USE ONLY)

SITE ASSESSMENT REVIEW REPORT

Your site assessment has been reviewed by the Storage Tank Division staff and the following determination has been made:

- The contamination concentration is below the threshold detection levels, and there is no evidence of a confirmed release.
- The test methodology or level of detection is faulty. The data submitted is not considered valid. Please perform another site assessment and forward a copy of the results to this office within 45 days.
- The number of sampling points analyzed are considered inadequate to make a determination of the cleanliness of the site. Please perform another site assessment and forward a copy of the results to this office within 45 days.
- The contaminant concentrations are greater than the threshold detection levels and there is evidence of a confirmed release. A confirmed release report is being generated. Follow reporting requirements in accordance with 451 PA 1994, Part 213, as amended.
- The soils excavated and removed from the site were greater than allowable volumes. A confirmed release was not reported to this office within 24 hours per the Michigan Underground Storage Tank Rules (MUSTR) prior to excavation of contaminated soil. A confirmed release report is being generated. Follow reporting requirements in accordance with 451 PA 1994, Part 213, as amended.

SIGNATURE OF REVIEWER <i>[Signature]</i>	DATE OF REVIEW <b>12-21-1999</b>
---	-------------------------------------

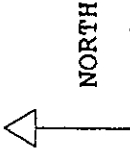
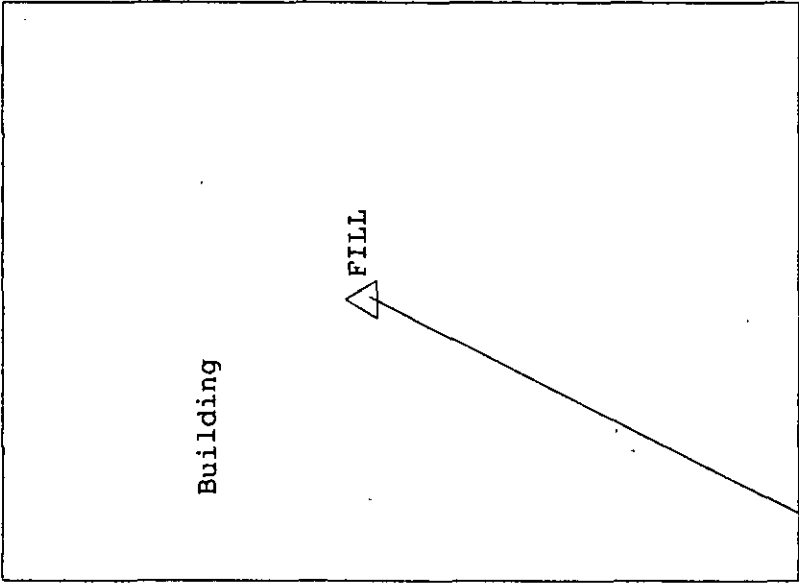
OWNER SHALL RETAIN GOLDENROD COPY MAIL WHITE, PINK AND CANARY COPIES TO:

STORAGE TANK DIVISION  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
PO BOX 30157  
LANSING, MI 48909-7657

EQP3881 (1/99)

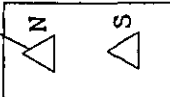
SITE/CD: **ER/RA**  
FILE NAME: **RTW**  
TITLE: **ASSESSMENT REPORT**

SMK NOV 19 1999



△ Sampling location

Hart EZ Mart #2  
Facility ID 008478  
Tank Removal  
Scale 1":10'



Tank 9 550 gallon used  
oil





**MICHIGAN LABORATORY**  
1459 HUGHES DRIVE  
TRAVERSE CITY, MICHIGAN 49686  
PHONE (231) 947-5777  
FAX (231) 947-7455

**LABORATORY REPORT**

**SPL WORKORDER NUMBER(s): 99-08-106**

**Prepared for: COREnvironmental**

**Sampled By: COREnvironmental**

**Site: HART EZ MART #2**

**Project: HART EZ MART #2**

**Approved by:**

A handwritten signature in cursive script, appearing to read 'S L Grenda'.

**S. L. Grenda, Laboratory Manager**

**Date: AUG 30 1999**

**Gary R. Byar, Project Manager** *X*

*The results relate only to the samples tested.  
All results are reported on an as is (wet) basis, except where otherwise indicated.  
This report may not be reproduced, except in full, without written permission from SPL.*



**MICHIGAN LABORATORY**  
 459 HUGHES DRIVE  
 TRAVERSE CITY, MICHIGAN 49686  
 PHONE (231) 947-5777  
 FAX (231) 947-7455

08-27-1999

Summary Report

Company: CORE Environmental  
 Site: HART EZ MART #2  
 Project No.: HART EZ MART #2  
 Project: HART EZ MART #2

SPL ID MATRIX FLAG	CLIENT ID DATE SAMPLED	BENZENE		TOLUENE		ETHYLBEN.		XYLENES		TPH-GRO		TPH-DRQ		TRPH		OIL&GREASE		LEAD		CADMIUM		CHROMIUM		MTBE		
		PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	PQL UNITS	
9908106-01 SOIL	N 08/03/1999																									
9908106-02 SOIL	S 08/03/1999																									
9908106-03 SOIL	FILL 08/03/1999																									

ND = Not Detected.  
 Diesel Range Organics - Method Modified 8015B\*\*\* for Diesel



MICHIGAN LABORATORY  
 459 HUGHES DRIVE  
 TRAVERSE CITY, MICHIGAN 49686  
 PHONE (231) 947-5777  
 FAX (231) 947-7455

Certificate of Analysis No. MI-9908106-01

COREnvironmental  
 P.O. Box 246  
 Bear Lake, MI 49614  
 ATTN: Blaine Garwood

DATE: 08/27/1999

PROJECT: HART EZ MART #2  
 SITE: HART EZ MART #2  
 SAMPLED BY: COREnvironmental  
 SAMPLE ID: N

PROJECT NO:  
 MATRIX: SOIL  
 DATE SAMPLED: 08/03/1999  
 DATE RECEIVED: 08/06/1999

PARAMETER	ANALYTICAL DATA	RESULTS	DETECTION LIMIT	UNITS
Diesel Range Organics Method Modified 8015B*** for Diesel Analyzed by: BD Date: 08/20/1999		ND	21	mg/kg
Moisture Method ASTM D2216 Analyzed by: MD Date: 08/19/1999		3.5	0.1	%
Sonication Extraction of DRO by 8015B Method 3550B *** Analyzed by: MP Date: 08/17/1999 13:00:00		08/19/1999		

ND - Not detected.

Notes: \*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA  
 \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.  
 \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance. Soil results reported in dry weight.



MICHIGAN LABORATORY  
459 HUGHES DRIVE  
TRAVERSE CITY, MICHIGAN 49686  
PHONE (231) 947-5777  
FAX (231) 947-7455

Certificate of Analysis No. MI-9908106-02

COREnvironmental  
P.O. Box 246  
Bear Lake, MI 49614  
ATTN: Blaine Garwood

DATE: 08/27/1999

PROJECT: HART EZ MART #2  
SITE: HART EZ MART #2  
SAMPLED BY: COREnvironmental  
SAMPLE ID: S

PROJECT NO:  
MATRIX: SOIL  
DATE SAMPLED: 08/03/1999  
DATE RECEIVED: 08/06/1999

PARAMETER	ANALYTICAL DATA	RESULTS	DETECTION LIMIT	UNITS
Diesel Range Organics Method Modified 8015B*** for Diesel Analyzed by: BD Date: 08/20/1999		ND	21	mg/kg
Moisture Method ASTM D2216 Analyzed by: MD Date: 08/19/1999		5.1	0.1	%
Sonication Extraction of DRO by 8015B Method 3550B *** Analyzed by: MP Date: 08/17/1999 13:00:00		08/19/1999		

ND - Not detected.

Notes: \*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA  
\*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.  
\*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance. Soil results reported in dry weight.



MICHIGAN LABORATORY  
 459 HUGHES DRIVE  
 TRAVERSE CITY, MICHIGAN 49686  
 PHONE (231) 947-5777  
 FAX (231) 947-7455

Certificate of Analysis No. MI-9908106-03

COREnvironmental  
 P.O. Box 246  
 Bear Lake, MI 49614  
 ATTN: Blaine Garwood

DATE: 08/27/1999

PROJECT: HART EZ MART #2  
 SITE: HART EZ MART #2  
 SAMPLED BY: COREnvironmental  
 SAMPLE ID: FILL

PROJECT NO:  
 MATRIX: SOIL  
 DATE SAMPLED: 08/03/1999  
 DATE RECEIVED: 08/06/1999

PARAMETER	ANALYTICAL DATA		RESULTS	DETECTION LIMIT	UNITS
Diesel Range Organics Method Modified 8015B*** for Diesel Analyzed by: BD Date: 08/20/1999			89	21	mg/kg
Moisture Method ASTM D2216 Analyzed by: MD Date: 08/19/1999			6.3	0.1	%
Sonication Extraction of DRO by 8015B Method 3550B *** Analyzed by: MP Date: 08/17/1999 13:15:00			08/19/1999		

Notes: \*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA  
 \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.  
 \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance. Soil results reported in dry weight.



**MICHIGAN LABORATORY**  
459 HUGHES DRIVE  
TRAVERSE CITY, MICHIGAN 49686  
PHONE (231) 947-5777  
FAX (231) 947-7455

**Q U A L I T Y   C O N T R O L**  
**D O C U M E N T A T I O N**

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**MICHIGAN LABORATORY**  
459 HUGHES DRIVE  
TRAVERSE CITY, MICHIGAN 49686  
PHONE (231) 947-5777  
FAX (231) 947-7455

**\*\* SPL QUALITY CONTROL REPORT \*\***

Matrix: Soil

Reported on: 08/27/99  
Analyzed on: 08/20/99  
Analyst: BD

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

Diesel Range Organics  
Method Modified 8015B\*\*\* for Diesel

SPL Sample ID Number	Method Blank mg/Kg	Sample Result mg/Kg	Spike Added mg/Kg	Matrix Spike		Matrix Spike Duplicate		RPD (%)	QC LIMITS (Advisory)		
				Result mg/Kg	Recovery %	Result mg/Kg	Recovery %		RPD Max	% REC	
BLANK	ND	ND	1.0	0.6	60.0	0.8	80.0	29	20	36	-152

-9908119

Samples in batch:

9908106-ALL

COMMENTS:





**RECEIVED**  
JAN 19 2011  
RRD-MDEQ  
GRAND RAPIDS DISTRICT

## Baseline Environmental Assessment

---

Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as Amended

Former Hart EZ Mart  
3 N. State Street  
City of Hart, Oceana County, Michigan 49420

Prepared for  
**City of Hart**

December 6, 2010

2031177

**Prein&Newhof**

# Baseline Environmental Assessment

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Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as Amended

Former Hart EZ Mart  
3 N. State Street  
City of Hart, Oceana County, Michigan 49420

Prepared for  
City of Hart

December 6, 2010

2031177

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Appendix D.....	Soil Laboratory Analytical Report
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Blank lined paper with a vertical margin on the left side.



FOR DEQ USE ONLY  
ITS# 20116480001  
Site ID# \_\_\_\_\_

**NOTICE REGARDING DISCARDED OR ABANDONED CONTAINERS (FORM EQP4476 REV. 4/03))**  
(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

Use this form to disclose information related to underground storage tanks (UST) and discarded or abandoned containers required in a Baseline Environmental Assessment (BEA) pursuant to the Part 9 Rules. Submission of this form in a BEA also satisfies the notification requirements of Rule 1015(1) of the Part 10 Rules. This form may also be used, NOT in conjunction with a BEA, to satisfy the notification requirements of Rule 1015(1) of the Part 10 Rules.

All persons providing this notice must complete Section I. Section II must be completed by only those persons who are submitting this form NOT in conjunction with a BEA.

**SECTION I**

1. Name and Address of person subject to Section 7a: City of Hart  
407 South State Street  
Hart, MI 49420

2. Address/location of property where containers are located:  
3 North State Street  
Hart, MI 49420

County: Oceana

3. What is your status relative to the property?

	Current	Prospective
Owner	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Operator	<input type="checkbox"/>	<input type="checkbox"/>

4. Provide a scaled map or drawing of the property that identifies the property boundaries and surrounding property uses. Depict the approximate location(s) of all known discarded or abandoned containers on the drawing. Refer to the locations when completing the attached table.

5. Provide photographs, if practical, that depict the location and general condition of the containers.

6. Complete the attached table.

7. If this form is being submitted in conjunction with a BEA, skip Section II and go to Signature section.

**SECTION II**

8. Did you previously submit a BEA to the DEQ for this property?  Yes  No  
If yes, provide the following information:  
—8a. Provide the date the BEA was submitted. September 20, 1999  
—8b. Provide the BEA Disclosure or Petition Number, if available. P99-00587-GR

9. \_\_\_\_\_ Do you anticipate submitting a BEA for the property?  
 Yes  No

10. Provide the date you became the owner or operator of this property. \_\_\_\_\_

11. When did you first acquire knowledge of the UST(s) or discarded or abandoned container(s)? December 2003

With my signature below, I certify that the information provided herein is true and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to \$25,000 for each violation.

Stanley A. Kildner 12-15-10  
Signature of owner or operator or person legally authorized by owner or operator Date  
Stanley A. Kildner City Manager  
Name (typed or printed) Title (typed or printed)



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
REMEDIATION AND REDEVELOPMENT DIVISION

NOTICE REGARDING UNDERGROUND STORAGE TANKS AND DISCARDED OR ABANDONED CONTAINERS

A B C D E F G  
 LOCATION CONTAINER SIZE AND TYPE NUMBER OF CONTAINERS VOLUME OF HAZARDOUS SUBSTANCE(S) CONTENTS CONDITION OF CONTAINER PHOTOS PROVIDED

A Address: 3 N State Street Tank is located about 10 feet north of sidewalk and about 11 feet west of east property line.	B Underground storage tank. Approx. 250 gallon capacity	C one	D Empty - tank has an approximate capacity of 250 gallons	E Reportedly fuel oil was stored in the tank. Now it is empty.	F under ground	G Yes. Photographs are attached

2031177 Photographic log of Former Hart EZ Mart, 3 North State Street, Hart, Michigan.  
Top two photographs taken on December 12, 2003 and bottom photograph taken April 30, 2010 by Tim Woodburne of Prein & Newhof.



View of the Property from East Main Street. A fuel oil UST is located on the Property at the hand excavated area approximately 10 feet north of the sidewalk.



Post hole boring on April 30, 2010 to confirm UST location. View facing southerly toward sidewalk.



View of the fill port to the fuel oil UST. The tank was empty.





## 1. IDENTIFICATION OF AUTHOR AND DATE BEA WAS COMPLETED

This Baseline Environmental Assessment was conducted and completed on December 6, 2010 by Timothy B. Woodburne, C.P.G., Prein&Newhof, and reviewed by Barbara E. Marczak, P.E., Prein&Newhof, for the benefit of the City of Hart.

## 2. INTRODUCTION

A Baseline Environmental Assessment (BEA) has been prepared in regard to the property known as the Former E-Z Mart Gas Station, 3 State Street, Hart, Michigan (hereinafter the "Property") for the City of Hart, the prospective owner of the Property. The Property consists of a single parcel. No buildings or structures currently occupy the Property. An 1,885 square foot building, which had been used by the former E-Z Mart Gas Station, was razed in 2001. The site is the subject of an open leaking underground storage tank (LUST) investigation. The purpose of this BEA is to provide the City of Hart an exemption from liability under Section 20126 of Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended ("Part 201").

The Property has been classified as a "facility" as defined in Section 20101(1)(o) of Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, MCL 324.2010(1)(o) as amended, because several volatile organic compounds (VOCs) were detected in groundwater samples at concentrations in excess of one or more Part 201 Generic Residential & Commercial 1 Criteria.

The City of Hart intends to develop the site into a park. There are no plans to use hazardous substances at the Property by the City of Hart; therefore, this BEA has been prepared based on

Michigan Department of Natural Resources & Environment's (MDNRE's) Technical Standards for a Category N BEA.

### 3. PROPERTY DESCRIPTION & INTENDED HAZARDOUS SUBSTANCE USE

#### A. Site Location & Description

The Property is located in the northeast ¼ of Section 17, Township 15 North, Range 17 West, Oceana County, at 3 North State Street, Hart, Michigan. The parcel number for the Property is 64-20-252-002. The Property is located within the downtown area of Hart, immediately south of Hart Lake, at the northeast corner of State Street and East Main Street. The lot size is approximately 264 feet north-south by 99 feet east-west. The legal description, as obtained from the City of Hart Assessor's office, for the Property is provided below:

HA-459  
City of Hart  
Standard Map Plat A  
W 76-1/2 Ft of W/2 of Blk 52

A map showing the location of the Property is presented in Figure 1.

#### B. Current & Past Property Use

The property is currently vacant land with planted grass. Some flush-mounted covers to monitor wells were observed on the Property, but not all monitor wells shown on the maps were observed on the Property. The recovery well for a previous groundwater extraction and treatment system is located on the Property at the north end; the groundwater recovery well is not currently operating. Photographs of the Property are included in Appendix A.

The former Hart EZ Mart building was razed in 2001. All pavement on the Property was also removed. A canopy, covering the area formally occupied by pump dispensers located in front of the building on the west side of the Property, was also removed during 2001. A small wood shed had been located north of the building and had been used to house two carbon canisters that were used for treating water from the groundwater extraction well. This small wood shed and groundwater treatment system were also removed.

The former 1,885 square foot Hart EZ Mart building was most recently used as a convenience store and gas station. The former building consisted of concrete block construction on a concrete slab, tiled floor, and suspended ceiling. The building had been essentially undivided, but had a small storage room and restroom. A large refrigerator had been located on the north side of the building.

The Property has not been used as a service station since April 1997, when the USTs were removed. Based on interviews with city residents, a former worker at the Property, and Sanborn Maps, the Property has been used for a service station since the 1930's. Sanborn Maps are included as supporting documents in Appendix B. The 1893, 1894, and 1900 maps show a gully through the Property that extended to Pentwater River. It appears that the gully at the Property was filled to the existing grade. The original building was demolished in the early 1960's and the most recent building was constructed shortly thereafter. From the 1960's to the mid-1970's, the building was used for a full service repair and gas station, with two maintenance stalls with one in-ground hoist. During the mid-1970's, the station was converted to a self-serve station with convenience store, and the in-ground hoist was removed. According to the Assessor's file, the building was also remodeled in 1983.

According to a representative of Blarney Castle, which owned and operated the Hart EZ Mart, the USTs and associated piping were removed in April 1997. According to Blarney Castle, the groundwater extraction system has not operated since 1996, and they have no plans to initiate further groundwater extraction. The existing monitoring wells or new monitoring wells will be periodically sampled. Purge water from the monitoring wells will be returned to individual monitoring wells.

### C Standard Environmental Record Review

Federal and State databases listing sites of known or suspected contamination were reviewed to identify sites within the vicinity of the Property. A database search conducted by EDR, Inc., dated October 28, 2010, for ASTM-specified search distances around the Property is contained in Appendix C. The purpose of this review is to confirm that the contamination is from past activities at the Property and not from an off site source and to fulfill the ASTM requirement for All Appropriate Inquiry. The Property was identified on the database as indicated below. The results of the database search are summarized below:

#### Summary of Map Findings

<u>EDR Map ID.</u>	<u>Site Name and Address</u>	<u>Type of Listing</u>	<u>Approx. Direction/ Miles from Property</u>
A1	Hart EZ Mart (Former) 3 State Street	BEA	Subject Property
A2	Blarney Castle Oil Company 3 State Street	LUST – Open UST – removed	Subject Property
A3	Freemont Cooperative Produce 17 E. Main Street	RCRA-NonGen	South <1/8

<u>EDR Map ID.</u>	<u>Site Name and Address</u>	<u>Type of Listing</u>	<u>Approx. Direction/ Miles from Property</u>
A4	Shell Gas (LPG) Bulk 17 E. Main Street	AST - closed	South <1/8
A5	Country Mark 3 E. Main Street	UST - removed	SSW <1/8
A6	Hart Co Op 3 E. Main Street	AST - status not reported	SSW <1/8
B7, B8, B9, B10	Merskin & Merskin 24 and 26 North State Street	BEA LUST - Open UST	SSW <1/8
C11, C12	Ford Garage/ City of Hart 106 E. Main Street	LUST - Open USTs - removed	ESE <1/8
13	ROW 108 S. Courtland St	LUST - Open	SW <1/8
D14 and D15	Hart Power / Grand Haven BLP 100 Water Street	CERC-NFRAP Coal Ash	WSW 1/8 - 1/4
D16	Hart Body Shop 101 Water Street	RCRA- CESQG	WSW 1/8 - 1/4
17	100 South Union Street	BEA	ESE 1/8 - 1/4
20	Hart Hydro Electric Plant 407 State Street	Del SHWS	South 1/4 - 1/2
21	Walkerville Garage 209 W. Main	LUST - open	West 1/4 - 1/2
E22 - E24	Farmers Petroleum 504 S State Street	Brownfield LUST - open BEA	South 1/4 - 1/2
25	Stokely USA Inc 409 Wood Street	LUST - closed	SSE 1/4 - 1/2
26	Oceana Road Commission 3501 West Polk	SHWS	1/2 - 1 mile south

Notes:

LUST: Leaking Underground Storage Tank regulated under Part 213 of the Michigan Natural Resource and Environmental Protection Act 451 of 1994, as amended.

An "Open" site means the cleanup has not achieved closure with the State, and a "closed" means that the cleanup has resulted in an approved closure with the State of Michigan DNRE.

UST: A site with an Underground Storage Tank regulated under Part 211 of the Michigan Natural Resource and Environmental Protection Act 451 of 1994, as amended.

AST: A site with an Above Ground Storage Tank registered with the State of Michigan.

RCRA: A hazardous waste generator regulated under Resource Conservation Recovery Act (RCRA), a Federal Program.

RCRA SQG: A small quantity generator regulated under RCRA. A SQG generate between 100 Kg and 1,000 Kg of hazardous waste per month.

RCRA CESQG: A conditionally exempt small quantity generator, regulated under RCRA, generates less than 100 Kg of hazardous waste or less than 1 Kg of acutely hazardous waste per month.

RCRA Non Gen: A previous RCRA generator site that no longer generates hazardous waste.

CORRACTS – A RCRA site with Corrective Actions taking place

SHWS: Michigan's State Hazardous Waste Sites that are Michigan's equivalent to CERCLA. These are priority sites planned for cleanup using State funds or potentially responsible parties.

DEL SHWS: A site deleted from the SHWS list. This site no longer meets the criteria to be listed on the SHWS list.

BEA: Sites where a Baseline Environmental Assessment has been performed. BEAs are used to transfer contaminated property to new owners without transferring the cleanup liability. So a BEA site means there is soil or groundwater contamination that exceeds the Michigan Part 201 Generic Residential Criteria.

CERCLA – The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, was enacted by Congress on December 11, 1980. This law created a tax on the chemical and petroleum industries and provided broad Federal authority to respond directly to releases or threatened releases of hazardous substances that may endanger public health or the environment.

CERC-NFRAP – A CERCLA site where no further remedial action is planned.

### Subject Property – 3 North State Street, open LUST, UST, BEA site

The Property was identified as a LUST site, Facility ID 00003366, with an open

investigation of the 1987 release, three USTs that were installed in 1966 were removed

from the site on April 28, 1997. No other registered USTs are listed at the site. There have

been three previous BEAs prepared on the Property, as follows: City of Hart in September

1999; Hart Tax Increment Finance Authority in August 2004; and Rybarz Properties,

L.L.C. in September 2004.

### Remaining Sites

The surrounding sites were inspected by viewing the USGS topographic map and comparing to the northerly regional groundwater flow reported in the Hart Well Head Protection Plan. Each of the remaining sites that have known releases including the LUST sites are positioned such that they are not expected to have a direct environmental impact on the Property. Additionally, the upgradient site wells on the Property have not had any indication that impact was from the off site sources. Therefore, no additional research was conducted into these off site sources.

### Unmapped sites

The EDR database report identified 17 sites that were not mapped due to inadequate address information. The relative distance of the unmapped sites from the Property, based on the addresses and location information provided, as well as the type of databases in which the unmapped sites were listed, were reviewed. Based on this review, Prein&Newhof determined that none of the sites should pose an environmental concern to the Property.

### D. Current & Past Hazardous Substance Use

There is no hazardous substance use currently at the Property. When the gas station was in operation, three underground storage tanks—two 5,000 gallon and one 8,000 gallon—were located on the Property to store gasoline, according to the Michigan UST-DMS Facility and Tank Data listing (Facility ID 0-003366). Because the USTs were over 31 years old when removed, it is probable that the tanks stored both leaded and unleaded gasoline. In

addition to the past handling, storage, and use of gasoline at the Property, past hazardous substance use at the Property could have included limited quantities of motor oil, and antifreeze, or other items used to repair motor vehicles.

A small, empty UST was discovered at the site during a previous site reconnaissance conducted on December 12, 2003. According to the *Potential Product Loss Investigation*, Prepared by Twin City Testing Corporation, November 26, 1985, this tank held fuel oil. The UST was approximately 3 feet in diameter by 5 feet long with an estimated capacity of 250 gallons. The fill port was covered with a flush mount cover which appeared similar to the monitoring well covers used at the site, so it was not discovered until recently. Previous information had indicated that this UST had been removed. The tank was investigated and the tank was determined to be empty. The City of Hart does not have any plans to use this UST to contain a hazardous substance. This UST will be removed from the Property in the near future as plans develop. A Notice Regarding Discarded or Abandoned Containers (MDNRE Form EQP 4476) has been completed for this tank and is included in the "BEA Forms" section at the beginning of this report.

#### E. Intended Hazardous Substance Use

The City of Hart intends to develop the site into a park. There are no plans to use hazardous substances at the Property by the City of Hart.



#### 4. KNOWN CONTAMINATION

This section presents evidence that demonstrates that this Property is a "facility" as defined by NREPA Section 20101(o), MCL 324.20101(l)(o), and provides information about the types and concentrations of hazardous substances known or suspected to be present on the Property.

##### A. Background Information

In 1985 a release from the underground storage tank system was discovered at the Property (confirmed release C-1317-85). The soil and groundwater have been investigated at the Property in several phases, beginning in 1985. A groundwater extraction and treatment system, consisting of one extraction well and carbon treatment with discharge to Hart Lake, operated from 1989 through July 1996, and treated over 500,000 gallons of water. The extraction well operated on a timer and yielded low volumes of groundwater. After deactivating the groundwater treatment system in 1996, Blarney Castle anticipated that natural attenuation would lower concentrations in groundwater over time so closure could be obtained. Blarney Castle has conducted groundwater monitoring periodically with their most recent event occurring on June 21, 1999. Since 2003, Prein&Newhof has been conducting the LUST investigation. Concentrations have declined and Prein&Newhof is preparing a Tier 2 Closure report. The locations of the monitoring wells installed at the Property are shown on the map in Figure 2.

## B. Soil and Groundwater Sampling

To obtain closure of the LUST investigation, Prein&Newhof has conducted the following work to further define release into the soil and groundwater at the Property and to prepare the Tier 2 Closure report:

1. Conducted geoprobe soil borings on January 22 and 23, 2004 to collect eight soil confirmation samples from the Property from the sidewalls of the former UST basin and from a soil boring placed to investigate and resample the location of soil sample "5000#1S". The samples were collected from GP-1 through GP-7 at the locations shown on Figure 2. These soil sample results are presented on Table 1 in this BEA. Five groundwater samples were collected from the Property from the geoprobe borings and the results are provided in Table 2. The results of this testing were provided to the MDNRE in the *Progress Report* dated August 2, 2004.
2. Installed three monitor wells, MW-18, MW-19, and MW-20, on the adjacent property to the north and at downgradient locations along the shoreline of Hart Lake on October 20, 2004. These locations are on the adjacent property to the north and no VOCs have been detected in these wells above Part 201 Criteria.
3. April 29 and 30, 2010: Installed two monitor wells, MW-22, and MW-23, on the Property and one well, MW-21, on the adjacent property to the north to define down gradient contamination. Additionally, advance six soil borings, SB-19 through SB-24, to a depth of 15.5 feet below ground. The soil borings were drilled to investigate soil beneath the tank excavations for contamination and for the

collection of additional soil confirmation samples. No visual or olfactory evidence of contaminant was noted in any of the six soil borings (SB-19 through SB-24).

Four soil samples were collected for UST VOC analysis from SB-19 (10-11'), SB-20 (10-11'), SB-21 (10-11') and SB-22 (10-11') and the results did not exceed any Part 201 Generic Residential Criteria.

4. Collected groundwater verification samples in November 2004, in April and July 2005, and in May and August of 2010. These results are included on Figure 3. The wells MW-22 and RW-1 represent groundwater beneath the Property with UST VOC concentrations exceeded Part 201 Generic Residential Criteria.

### C. Soil Analytical Results

The soil analytical results are described below along with comparison to Part 201 Generic Residential & Commercial 1 Criteria in Table 1. The laboratory analytical reports for soil are included in Appendix D. The locations where soil samples were collected from the Property are shown on Figure 2.

The only soil contamination above Part 201 Generic Residential Criteria from the site has been in soil samples "8000 N" and "5000#1S", which were samples collected by the previous consultant from the tank basins right after the tanks were removed. Soil sample "8000 N" had benzene above the Tier 1 residential groundwater protection RBSL, and soil sample "5000#1S" had concentrations of BTEX that exceeded drinking water protection, GSI protection, and xylenes exceeded the Csat screening level. In January 2004 soil boring GP-7 was advanced in the vicinity of "5000#1S" and soil samples from 11' and 15' below ground were collected for VOC testing. The soil in this soil boring did not have any

evidence of contamination during the drilling. The laboratory analytical results for GP-7 (11') and GP-7 (15') had no detectable levels of UST VOCs or were below the Part 201 Generic Residential Criteria. Additionally, soil samples were collected in April 2010 from SB-19 through SB-22 from the 10-11' depth at locations beneath the tank basin and these samples showed no detectable levels of UST VOCs. With respect to the contamination in soil samples "8000 N" and "5000#1S", it appears that the UST VOCs detected are likely now gone as a result of downward migration to the water table because we have not been able to duplicate the result or locate any significant soil contamination in the areas investigated. With the other soil analytical results, it does not appear that there are any remaining UST VOCs at the Property with concentrations that exceed a Part 201 Generic Residential Criteria.

#### D. Groundwater Analytical Results

Table 2 shows the results of the groundwater samples collected at the Property in January 2004. The most recent groundwater samples from closure verification sampling have VOC concentrations at the site above Part 201 Generic Residential Criteria, as shown on Table 3. The approximate location of the groundwater contamination is shown on the map in Figure 3. The laboratory report for the most recent groundwater samples collected on August 2, 2010 is included in Appendix E.

The table below summarizes the hazardous substances detected in groundwater samples collected from wells RW-1 and MW-22, which are located on the Property. These samples were collected on August 2, 2010 as part of the closure verification samples for release closure. The results presented below exceed Part 201 Generic Residential Criteria and

provides the chemical abstract service (CAS) number for each compound. Based on these analyses, the Property is considered a "facility" under the Part 201 definition.

**Table of Groundwater Generic Residential Clean up Criteria Exceedances**

Parameter	CAS Number	RW-1	MW-22	Criteria Conc., µg/L	Criteria Exceeded
UST VOCs, µg/L		8-2-2010	8-2-2010		
Benzene	71432	150	<50.0	5	DW only
Toluene	108883	1,900	800	790 140	DW GSI
Ethylbenzene	100414	4,100	1,100	74 18	DW GSI
Xylenes, Total	1330207	15,600	4,600	280 35	DW GSI
1,2,4-Trimethylbenzene	95636	4,200	3,550	63 17	DW GSI
1,3,5-Trimethylbenzene	108678	800	1,150	72 45	DW GSI
Naphthalene	91203	1600	250	520 13	DW GSI
2-Methylnaphthalene	91576	<200	850	260	DW only
<b>Total Metals, µg/L</b>					
Iron	7439896	9,210	6,450	300	DW only
Lead	9439921	10.9	10.2	4	DW only
Manganese	9439965	387	381	50	DW only

CAS Numbers: Chemical Abstract Service numbers.

DW: Part 201 Generic Residential & Commercial I Drinking Water Criteria

GSI: Part 201 Generic Groundwater-Surface Water Interface Criteria

Criteria based on MDNRE Operational Memorandum No. 1, Attachment 1, with Footnotes, January 23, 2006.

## 5. LIKELIHOOD OF OTHER CONTAMINATION

Elevated concentrations of VOCs were encountered in the groundwater samples secured from the Property. These VOC levels are due to a past release from a UST system removed from the Property. We have investigated the location where soil samples "8000 N" and "5000#1S" were collected in April 1997 with two soil samples from GP-7 at 11' and 15' and from soil samples SB-19 (10-11'), SB-20 (10-11'), SB-21 (10-11'), and SB-22 (10-11') and based on these none to low detectable levels of VOCs it appears that the contamination in soil samples "8000 N" and "5000#1S" no longer exists.

The soil directly beneath the fuel oil UST has not been investigated and contamination from this tank cannot be ruled out. However, there is no evidence in the large amount of existing data gathered at the site to suggest that there is a source in this area. This tank appears to be an unregulated UST. It is empty and will be removed from the ground as plans are made to redevelop the Property.

The Sanborn Maps showed a gully running through portions of the City, including the Property. It appears that the gully at the Property was filled to its current elevation by the early 1900's, although there is no documentation of the materials used to fill the site. The fill material appears to be clean sand, based on soil borings conducted at the site. The potential for this fill to contain other hazardous substances cannot be ruled out.

## 6. CONCLUSIONS

On the basis of the soil and groundwater testing presented in this report, Prein&Newhof concludes that this BEA establishes the Property as a "facility" under Part 201 and reasonably defines the existing conditions and circumstances at the Property. The City of Hart intends to leave the Property in its current undeveloped state for a limited time until plans are developed for its future use. Therefore, there will be no significant hazardous substance use at the Property, and this is the basis for being able to distinguish existing contamination from a new release.

## 7. REFERENCES

The basis for preparing this report is the information presented or referenced in this BEA.

Information regarding soil and groundwater investigation was obtained from the following reports or sources.

1. *Potential Product Loss Investigation*, Mobil Country Store, Hart Michigan, November 26, 1985. Prepared by Twin City Testing Corporation.
2. Letter from Twin City Testing Corporation to Federated Insurance Company, dated August 4, 1987 (obtained from MDEQ files).
3. Letter from Kraus & Kriscunas to Federated Insurance Company, dated July 20, 1988 (obtained from MDEQ files).
4. Letter from Kraus & Kriscunas to Dave Wierbicki, MDNR-ERD, dated September 17, 1999.
5. Remedial Investigation Work Plan, Delta Environmental Consultants, letter to Brenda Mecher, MDNR, September 3, 1992.
6. *Supplemental Remedial Investigation Report & Pilot Testing*, March 16, 1993. Prepared by NOVA Consultants, Inc.
7. Quarterly Reports, various dates from 1993 to 1996, prepared by COREnvironmental.
8. Various correspondence between MDEQ (MDNR) and Blarney Castle or its consultant.
9. Phone conversation with Blaine Garwood, COREnvironmental/Blarney Castle Oil Co.
10. Final Assessment Report, September 30, 1996, COREnvironmental/Blarney Castle Oil Co.
11. *Progress Report* dated August 2, 2004, prepared by Prein&Newhof
12. *Draft Closure Report* dated August 2006, prepared by Prein&Newhof
13. Analytical Results, August 2010

## 8. ATTACHMENTS

The attachments to this report are included as Table 1 and Table 2, Figure 1, Figure 2, and Figure 3, and Appendix A through Appendix E, as detailed below.

Table 1..... Summary of Soil Analytical Results

Table 2..... Summary of Groundwater Analytical Results for Geoprobe samples

Table 3..... Summary of Analytical Results for Groundwater Verification samples

### Figures

Figure 1..... Property Location Map

Figure 2..... Site Map showing Soil Analytical Results

Figure 3..... Site Map showing groundwater sampling locations and horizontal extent of groundwater contamination

### Appendices

Appendix A..... Photographs of the Property

Appendix B..... Sanborn Maps

Appendix C..... EDR Database Report

Appendix D..... Soil Laboratory Analytical Report

Appendix E..... Groundwater Laboratory Analytical Report with Low Flow Stabilization Notes





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TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

Sample Location	SB-11		SB-18		MW-10		MW-11		MW-12	
	4-6	14-16	4-6	14-16	4-6	14-16	4-6	14-16	4-6	14-16
Sample Depth in feet	4-6	14-16	4-6	14-16	4-6	14-16	4-6	14-16	4-6	14-16
Sample Date	11/11/92	11/11/92	11/13/92	11/13/92	11/15/92	11/15/92	11/12/92	11/12/92	11/13/92	11/13/92
VOCs, µg/Kg	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020
Method	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Date of Analysis	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-
Methyl-tert-butyl ether	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Toluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Xylene	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Naphthalene	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	-	-	-	-	-	-	-	-	-
Total VOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PNAs, µg/Kg <sup>2</sup>	8270	-	-	-	8270	-	-	-	-	-
Method	<330	-	-	-	<330	-	-	-	-	-
All compounds tested	4.2	2.0	1.6	-	2.6	-	3.2	1.3	2.4	3.3
Total Lead, mg/Kg	-	-	-	-	-	-	-	-	-	-
Method 7421	-	-	-	-	-	-	-	-	-	-

Notes

1. SB-11 (21-22') and MW-12 (23-24') were likely collected from saturated sediments.
  2. On PNA Compounds, neither Date of Extraction nor Date of Analysis was reported.
  3. These soil samples - MW-12 (23-24') and MW-15 (34-36') - were likely collected from saturated sediments.
- "n" indicates that the analysis was not conducted or information not reported.

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TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

Sample Location	MW-15		5000#IN		5000#IS <sup>2</sup>		5000#2N		5000#2S		8000 S		8000 N		8000 S		8000 N		8000 S			
	Sample Depth in feet	Sample Date	14-16	34-36 <sup>3</sup>	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	Est. 10-11	
VOCs, µg/Kg	5-7	11/11/92	14-16	34-36 <sup>3</sup>	11/11/92	11/11/92	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	04/28/97	
Method	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	8020	
Date of Analysis	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
1,2-Dibromoethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,4-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,3,5-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl-tert-butyl ether	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<5	
Benzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<5	
Toluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<5	
Ethylbenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<5	
Xylene	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<5	
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCs	ND	ND	ND	126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65
PNAAs, µg/Kg <sup>2</sup>	8270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Method	<330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All compounds tested	<1.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes

3. These soil samples - MW-12 (23-24) and MW-15 (34-36) - were likely collected from saturated sediments.

"-" indicates that the analysis was not conducted or information not reported.

Boxed values exceed Part 213 Tier 1 RBSLs, as follows:

- a. Exceeds drinking water protection
- b. Exceeds GSI protection
- c. Exceeds Indoor Air Inhalation
- d. Exceeds Groundwater Contact Protection, Indoor Air Inhalation, Direct Contact RBSLs, and the Csat Screening Level.

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TABLE I  
SUMMARY OF SOIL ANALYTICAL RESULTS

Sample Location	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	SB-19	SB-20	SB-21	SB-22
Sample Depth in feet	8	7	7	7	7	7	11' <sup>4</sup>	10-11'	10-11'	10-11'	10-11'
Sample Date	01/22/04	01/22/04	01/22/04	01/22/04	01/22/04	01/22/04	01/23/04	04/29/10	04/29/10	04/29/10	04/29/10
VOCs, µg/Kg											
Method	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
Date of Analysis	01/26/04	01/26/04	01/26/04	01/26/04	01/26/04	01/26/04	01/26/04	05/04/10	05/04/10	05/04/10	05/04/10
1,2-Dibromochane	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.4	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.4	<50.0	<50.0	<50.0	<50.0
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	<250	<250	<250	<250
1,2,4-Trimethylbenzene	<85.1	<86.0	<89.8	<85.1	<84.2	<85.1	<86.9	<100	<100	<100	<100
1,3,5-Trimethylbenzene	<85.1	<86.0	<89.8	<85.1	<84.2	<85.1	<86.9	<100	<100	<100	<100
Methyl-tert-butyl ether	<212	<215	<224	<212	<210	<212	<217	<250	<250	<250	<250
Benzene	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.4	<50.0	<50.0	<50.0	<50.0
Toluene	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.4	<50.0	<50.0	<50.0	<50.0
Ethylbenzene	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.4	<50.0	<50.0	<50.0	<50.0
Xylene	<85.1	<86.0	<89.8	<85.1	<84.2	<85.1	<86.9	<50.0	52.4	<50.0	<50.0
Naphthalene	<212	<215	<224	<212	<210	<212	<217	<250	<250	<250	<250
2-Methylnaphthalene	<212	<215	<224	<212	<210	<212	<217	<250	<250	<250	<250
Total VOCs	ND	ND	ND	ND	ND	ND	56.9	ND	52.4	ND	ND
PNAs, µg/Kg <sup>2</sup>											
Method	-	-	-	-	-	-	-	-	-	-	-
All compounds tested	-	-	-	-	-	-	-	-	-	-	-
Total Lead, mg/Kg	-	-	-	-	-	-	-	-	-	-	-
Method 7421	-	-	-	-	-	-	-	-	-	-	-

Notes  
"n" indicates that the analysis was not conducted.  
4. Samples from GP-7 (11') and (15') represent resample of soil sample "5000#15"

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TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

Hazardous Substance	Chemical Abstract Number	Drinking Water Protection	GSI Protection	Soil: Part 213 Tier 1 Risk-Based Screening Levels - Residential & Commercial   Criteria				Soil Saturation Concentration Screening Levels	
				Groundwater Contact Protection Criteria & RBSLs	Volatilization to Indoor Air Inhalation	Infinite Source Volatile Soil Inhalation Criteria (VSIIC)	Particulate Soil Inhalation		Direct Contact
<b>VOLATILE ORGANIC COMPOUNDS, µg/Kg-dry</b>									
Benzene (I)	71432	100	4,000 (X)	220,000	1,600	13,000	380,000,000	180,000	400,000
Toluene (I)	108883	16,000	2,800	250,000 (C)	250,000 (C)	2,800,000	27,000,000,000	250,000 (C)	250,000
Ethylbenzene (I)	100414	1,500	360	140,000 (C)	87,000	720,000	10,000,000,000	140,000 (C)	140,000
m,p-Xylene	1330207	NL	NL	NL	NL	NL	NL	NL	NL
o-Xylene	95476	NL	NL	NL	NL	NL	NL	NL	NL
Xylenes (I)	1330207	5,600	700	150,000 (C)	150,000 (C)	46,000,000	290,000,000,000	150,000 (C)	150,000
Methyl-tert-butyl ether (MTBE)	1634044	800	15,000 (X)	5,900,000 (C)	5,900,000 (C)	25,000,000	200,000,000,000	1,500,000	5,900,000
1,2,4-Trimethylbenzene	95636	2,100	570	110,000 (C)	110,000 (C)	21,000,000	82,000,000,000	110,000 (C)	110,000
1,3,5-Trimethylbenzene	108678	1,800	1,100	94,000 (C)	94,000 (C)	16,000,000	82,000,000,000	94,000 (C)	94,000
1,2,3-Trimethylbenzene	526738	NL	NL	NL	NL	NL	NL	NL	NL
1,2-Dichloroethane (I)	107062	100	7,200 (X)	380,000	2,100	6,200	120,000,000	91,000	1,200,000
Naphthalene	91203	35,000	870	2,100,000	250,000	300,000	200,000,000	16,000,000	NA
2-Methylnaphthalene	91576	57,000	ID	5,500,000	ID	ID	8,100,000	ID	NA
1,2-Dibromoethane (EDB)	106934	20 (M); 1.0	20 (M); 4.0	500	670	1,700	14,000,000	92	890,000
METALS									
Total Lead, mg/Kg	7439921	700,000	(G,X)	ID	NLV	NLV	100,000,000	400,000	NA

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TABLE I  
SUMMARY OF SOIL ANALYTICAL RESULTS

Footnotes

- 1. Depth is in feet below ground surface.
- C Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C<sub>sat</sub>).
- I Hazardous substance may exhibit the characteristic of ignitability.
- M Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
- X The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
- ID Insufficient Data to develop criterion.
- NA Criteria not available
- ND Compound not detected above method detection limit.
- NL Criteria not listed or provided for this compound in MDEQ tables.
- NLV hazardous substance is Not Likely to Volatilize under most conditions.

Criteria obtained from Michigan Dept of Environmental Quality-Remediation and Redevelopment Division Operational (RRD Op) Memorandum No. 1 - Attachment 1, Table 2. Soil: Residential and Commercial I Part 201 Generic Cleanup Criteria and Screening Levels; Part 213 Tier 1 Risk-Based Screening Levels (RBSLs), January 23, 2006

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TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES

Sample Location Sample Depth in feet Sample Date	GP-3		GP-7		GP-8		GP-9	
	21-25 01/22/04	26-30 01/22/04	22-26 01/23/04	20-24 01/23/04	20-24 01/23/04	20-24 01/26/04	20-24 01/22/04	20-24 01/22/04
UST VOCs, µg/L Method	8260	8260	8260	8260	8260	8260	8260	8260
Date of Analysis	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04
Benzene	<500	<100	<50	<1	<1	<1	<1	<1
Toluene	<500	120	395	<1	<1	<1	<1	<1
Ethylbenzene	750	950	2,100	<1	<1	<1	<1	<1
Xylene	2,350	3,290	7,650	<2	<2	<2	<2	<2
MTBE	<2,500	<500	<250	<5	<5	<5	<5	<5
1,2,4-Trimethylbenzene	2,700	2,100	3,250	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	550	490	900	<1	<1	<1	<1	<1
1,2-Dibromoethane	<500	<100	<50	<1	<1	<1	<1	<1
1,2-Dichloroethane	<500	<100	<50	<1	<1	<1	<1	<1
Naphthalene	<1,000	230	490	<2	<2	<2	<2	<2
2-Methylnaphthalene	<1,000	<200	320	<2	<2	<2	<2	<2

Shaded area indicates concentration exceeds Part 213 res./comm. drinking water criteria.  
 Concentration exceeds Part 213 GSI criteria.

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TABLE 2  
 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES

Sample Location Sample Depth in feet Sample Date	GP-3		GP-7		GP-8		GP-9	
	21-25 01/22/04	26-30 01/22/04	22-26 01/23/04	20-24 01/23/04	20-24 01/23/04	20-24 01/23/04	20-24 01/22/04	20-24 01/22/04
<b>UST VOCs, µg/L</b>								
Method	8260	8260	8260	8260	8260	8260	8260	8260
Date of Analysis	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04
Benzene	<500	<100	<50	<1	<1	<1	<1	<1
Toluene	<500	120	395	<1	<1	<1	<1	<1
Ethylbenzene	750	950	2,100	<1	<1	<1	<1	<1
Xylene	2,350	3,290	7,650	<2	<2	<2	<2	<2
MTBE	<2,500	<500	<250	<5	<5	<5	<5	<5
1,2,4-Trimethylbenzene	2,700	2,100	3,250	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	550	490	900	<1	<1	<1	<1	<1
1,2-Dibromoethane	<500	<100	<50	<1	<1	<1	<1	<1
1,2-Dichloroethane	<500	<100	<50	<1	<1	<1	<1	<1
Naphthalene	<1,000	230	490	<2	<2	<2	<2	<2
2-Methylnaphthalene	<1,000	<200	320	<2	<2	<2	<2	<2

Shaded area indicates concentration exceeds Part 213 res./comm. drinking water criteria.  
 Concentration exceeds Part 213 GSI criteria.



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TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES

Groundwater: Part 213 Tier 1 Risk-Based Screening Levels - Residential & Commercial I Criteria

Hazardous Substance	Chemical Abstract Number	Drinking Water	Groundwater Surface Water Interface	Volatilization to Indoor Air Inhalation	Groundwater Contact	Water Solubility	Flammability and Explosivity Screening Level	Acute Inhalation Screening Level
<b>VOLATILE ORGANIC COMPOUNDS, µg/L</b>								
Benzene (I)	71432	5.0 (A)	200 (X)	5,600	11,000	1,750,000	68,000	67,000
Toluene (I)	108883	790 (E)	140	530,000 (S)	530,000 (S)	526,000	61,000	ID
Ethylbenzene (I)	100414	74 (E)	18	110,000	170,000 (S)	169,000	43,000	170,000 (S)
m,p-Xylene	1330207	NL	NL	NL	NL	NL	NL	NL
o-Xylene	95476	NL	NL	NL	NL	NL	NL	NL
Xylenes (I)	1330207	280 (E)	35	190,000 (S)	190,000 (S)	186,000	70,000	190,000 (S)
Methyl-tert-butyl ether (MTBE)	1634044	40 (E)	730 (X)	4.7E+7 (S)	610,000	46,800,000	ID	ID
1,2,3-Trimethylbenzene	526738	NL	NL	NL	NL	NL	NL	NL
1,2,4-Trimethylbenzene (I)	95636	63 (E)	17	56,000 (S)	56,000 (S)	55,890	56,000 (S)	ID
1,3,5-Trimethylbenzene (I)	108678	72 (E)	45	61,000 (S)	61,000 (S)	61,150	ID	ID
1,2-Dibromochane	106934	0.05 (A)	0.2 (X)	2,400	25	4,200,000	ID	ID
1,2-Dichloroethane (I)	107062	5.0 (A)	360 (X)	9,600	19,000	8,520,000	2,500,000	ID
Naphthalene	91203	520	13	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)
2-Methylnaphthalene	91576	260	ID	ID	25,000 (S)	24,600	ID	ID

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**TABLE 2**

**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES**

**Footnotes**

**Notes**

- I. Feet below ground surface.
  - A. Criterion is the state of Michigan drinking water standard.
  - B. Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.
  - E. Criterion is the aesthetic drinking water value.
  - I. Hazardous substance may exhibit the characteristic of ignitability.
  - S. Criterion defaults to the hazardous substance-specific water solubility limit.
  - X. The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
  - ID. Insufficient Data to develop criterion.
  - NA. A criterion or value is Not Available or, in the case of background and CAS numbers, Not Applicable.
  - NL. Criterion Not Listed in MDEQ tables.
  - NLV. Hazardous substance is Not Likely to Volatilize under most conditions.
- Criteria obtained from Michigan Dept of Environmental Quality-Remediation and Redevelopment Division Operational (RRD Op) Memorandum No. 1 - Attachment 1, Table 1. Groundwater: Residential and Industrial-Commercial Part 201 Generic Cleanup Criteria and Screening Levels; Part 213 Tier 1 Risk-Based Screening Levels (RBSLs), January 23, 2006

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location	Influent		RW-1			
	(from RW-1)		21-31 <sup>3</sup>			
Sample Depth in feet						
Sample Date	03/13/91	10/07/94	12/12/03	04/26/05	07/27/05	05/10/10 08/02/10
Sample Method	grab sample	grab sample	WP	Low Flow	Low Flow	Low Flow
Sample collected by:	Previous consultant		PN	PN	PN	PN
<b>UST VOCs, µg/L</b>						
Method	Not listed	8260	8260	8260	8260	8260
Date of Analysis	4/3/91	10/12/94	12/15/03	4/29/05	7/29/05	5/21/10 8/3/10
Benzene	1,900	660	100	240	200	220 150
Toluene	1,400	2,000	750	1,900	880	800 1,900
Ethylbenzene	<100	490	1,100	2,800	560	3,680 4,100
Xylenes, Total	3,500	3,630	3,950	9,940	2,550	11,900 15,600
Methyl-tert-butyl ether	-	-	<250	<1,000	<5	<500 <500
1,2,3-Trimethylbenzene	-	-	-	-	-	930 1,100
1,2,4-Trimethylbenzene	-	-	1,050	2,000	840	3,200 4,200
1,3,5-Trimethylbenzene	-	-	250	380	260	600 800
1,2-Dibromoethane (EDB)*	-	-	<50	<200	<1	<100 <100
1,2-Dichloroethane	-	-	<50	<200	<1	<100 <100
Naphthalene	-	-	400	<400	1,200	<200 1,600
2-Methylnaphthalene	-	-	150	1,520	380	<200 <200
<b>VOCs by Microextraction, µg/L</b>						
1,2-Dibromoethane	-	-	-	<0.05	<0.05	- -
<b>Total Metals, µg/L</b>						
Iron	-	-	-	-	-	11,200 9,210
Lead	-	-	-	9.17	8.75	36.9 10.9
Manganese	-	-	-	-	-	450 387

**Bold** Boxed value exceeds Part 213 res./comm. drinking water criteria.  
 Boxed value exceeds Part 213 GSI criteria.

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location	TW-2									
	1-5									
Sample Depth in feet										
Sample Date	03/26/98	06/11/98	09/14/98	12/10/98	03/29/99	06/21/99	06/12/01	12/12/03		
Sample Method	BL	BL	BL	BL	BL	BL	BL	BL	BL	PN
Sample collected by:	Previous consultant									
<b>UST VOCs, µg/L</b>										
Method	Not Recorded 8260									
Date of Analysis	No Record	6/17/98	9/23/98	12/20/98	4/7/99	7/1/99	no record	12/15/03		
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	<1	<1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	<1	<1
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1	<1
Xylenes, Total	ND	ND	ND	ND	ND	ND	ND	ND	<2	<2
Methyl-tert-butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	<5	<5
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	<1	<1
1,2,4-Trimethylbenzene	-	-	-	-	-	-	-	-	<1	<1
1,3,5-Trimethylbenzene	-	-	-	-	-	-	-	-	<1	<1
1,2-Dibromoethane (EDB)*	-	-	-	-	-	-	-	-	<1	<1
1,2-Dichloroethane	-	-	-	-	-	-	-	-	<1	<1
Naphthalene	-	-	-	-	-	-	-	-	<2	<2
2-Methylnaphthalene	-	-	-	-	-	-	-	-	<2	<2
<b>VOCs by Microextraction, µg/L</b>										
1,2-Dibromoethane	-	-	-	-	-	-	-	-	-	-
<b>Total Metals, µg/L</b>										
Iron	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-
Manganese	-	-	-	-	-	-	-	-	-	-

**ND** Bold shaded value exceeds Part 213 res./comm. drinking water criteria.

**ND** Bolded value exceeds Part 213 GSI criteria.

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location	MW-7		MW-16		MW-18		MW-19					
	15-20	1-5 <sup>5</sup>	2-7	1-6								
Sample Depth in feet	05/10/10	08/02/10	11/04/04	04/26/05	07/27/05	05/10/10	08/02/10	11/04/04	04/26/05	07/27/05	05/10/10	08/02/10
Sample Date	Low flow	Low flow	WP	Low Flow	Low Flow	Low Flow	Low Flow	WP	Low Flow	Low Flow	Low Flow	Low Flow
Sample Method	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN
Sample collected by:												
<b>UST VOCs, µg/L</b>												
Method	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
Date of Analysis	5/13/2010	8/3/2010	10/12/94	11/5/04	4/29/05	7/29/05	5/13/10	8/3/10	11/5/04	4/29/05	7/29/05	5/13/10
Benzene	<1.00	<1.00	<1	<1	<1	<1	<1.00	<1.00	<1	<1	<1	<1.00
Toluene	12.6	<1.00	<1	<1	7	<1	<1.00	<1.00	<1	<1	<1	<1.00
Ethylbenzene	22.1	<1.00	<1	<1	<1	<1	<1.00	<1.00	<1	<1	<1	<1.00
Xylenes, Total	84.8	<1.00	<2	<2	<2	<2	3.00	<1.00	<2	<2	2.20	<1.00
Methyl-tert-butyl ether	<5.00	<5.00	<5	<5	<5	<5	<5.00	<5.00	<5	<5	<5	<5.00
1,2,3-Trimethylbenzene	7.00	<5.00	<1	<1	<1	<1	<5.00	<5.00	<1	<1	<1	<5.00
1,2,4-Trimethylbenzene	25.0	<1.00	<1	<1	<1	<1	3.00	<1.00	<1	<1	<1	<1.00
1,3,5-Trimethylbenzene	7.3	<1.00	<1	<1	<1	<1	<1.00	<1.00	<1	<1	<1	<1.00
1,2-Dibromoethane (EDB)*	<1.00	<1.00	<1	<1	<1	<1	<1.00	<1.00	<1	<1	<1	<1.00
1,2-Dichloroethane	<1.00	<1.00	<1	<1	<1	<1	<1.00	<1.00	<1	<1	<1	<1.00
Naphthalene	149	<2.00	<2	<2	<2	<2	8.00	<2.00	<2	<2	2.00	<2.00
2-Methylnaphthalene	<2.00	<2.00	<2	<2	<2	<2	<2.00	<2.00	<2	<2	20.0	<2.00

**VOCs by Microextraction, µg/L**

1,2-Dibromoethane	<0.05	<0.05	<0.05	<0.05
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**Total Metals, µg/L**

Iron	12,100	95,700	28,300	2,430	10,300	10,500
Lead	26.3	146	3.70	5.91	<1.00	1.29
Manganese	3,300	1,630	180	119	320	349

**Bold** Bold shaded value exceeds Part 213 res./comm. drinking water criteria.  
**Boxed** value exceeds Part 213 GSI criteria.

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location	MW-20				MW-21				MW-22				MW-23			
	1-6				1-6				15-25				20-25			
Sample Depth in feet																
Sample Date	04/26/05	07/27/05	05/10/10	08/02/10	05/10/10	08/02/10	05/10/10	08/02/10	05/10/10	08/02/10	05/10/10	08/02/10	05/10/10	08/02/10	08/02/10	
Sample Method	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	Low Flow	
Sample collected by:	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	
<b>UST VOCs, µg/L</b>	Duplicate															
Method	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	Duplicate
Date of Analysis	4/29/05	7/29/05	5/13/10	8/3/10	5/13/10	8/3/10	5/13/10	8/3/10	5/13/10	8/3/10	5/13/10	8/3/10	5/13/10	8/3/10	5/13/10	8/3/10
Benzene	<1	<1	<1.00	<1.00	<1.00	2.00	<100	<50.0	<100	<100	<100	<100	<100	<100	<100	<1.00
Toluene	<1	<1	<1.00	<1.00	<1.00	<1.00	5,500	800	5,500	5,000	5,580	800	5,000	5,580	24.0	<1.00
Ethylbenzene	<1	<1	<1.00	<1.00	<1.00	4.00	5,000	1,100	5,000	5,040	1,100	1,100	5,040	1,100	22.0	<1.00
Xylenes, Total	<2	<2	1.50	<1.00	1.00	1.00	21,900	4,600	21,900	22,100	4,600	4,600	22,100	4,600	105	<1.00
Methyl-tert-butyl ether	<5	<5	<5.00	<5.00	<5.00	<5.00	<500	<250	<500	<500	<250	<250	<500	<500	<5.00	<1.00
1,2,3-Trimethylbenzene	<1	<1	<5.00	<5.00	<5.00	<5.00	1,680	800	1,680	1,680	800	800	1,680	800	11.0	<5.00
1,2,4-Trimethylbenzene	<1	<1	<1.00	<1.00	<1.00	14.0	6,100	3,550	6,100	6,000	3,550	3,550	6,000	3,550	59.0	15.0
1,3,5-Trimethylbenzene	<1	<1	<1.00	<1.00	<1.00	<1.00	1,900	1,150	1,900	1,900	1,150	1,150	1,900	1,150	12.0	<1.00
1,2-Dibromoethane (EDB)*	<1	<1	<1.00	<1.00	<1.00	<1.00	<100	<50.0	<100	<100	<50.0	<50.0	<100	<100	<1.00	<1.00
1,2-Dichloroethane	<1	<1	<1.00	<1.00	<1.00	<1.00	<100	<50.0	<100	<100	<50.0	<50.0	<100	<100	<1.00	<1.00
Naphthalene	<2	<2	<2.00	<2.00	<2.00	<2.00	<200	250	<200	<200	250	250	<200	<200	<2.00	<2.00
2-Methylnaphthalene	<2	<2	<2.00	<2.00	<2.00	<2.00	<200	850	<200	<200	850	850	<200	<200	<2.00	<2.00
<b>VOCs by Microextraction, µg/L</b>																
1,2-Dibromoethane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Total Metals, µg/L</b>																
Iron	2,820	2,070	607	5,050	3,600	3,610	6,450	1,490	1,110	1,010	1,490	1,110	1,010	1,110	1,010	1,010
Lead	<1.00	<1.00	3.16	6.88	17.0	16.9	10.2	2.68	1.60	<1.00	16.9	10.2	2.68	1.60	<1.00	<1.00
Manganese	190	146	92	196	740	760	381	120	114	116	120	114	116	114	116	116

**Bold** value exceeds Part 213 res./comm. drinking water criteria.

**Boxed** value exceeds Part 213 GSI criteria.

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location	Equipment Blanks		Trip Blanks	
	NA	NA	NA	NA
Sample Depth in feet	05/10/10	08/02/10	05/10/10	08/02/10
Sample Date	Low Flow	Low Flow	-	-
Sample Method	PN	PN	PN	PN
Sample collected by:				
<b>UST VOCs, µg/L</b>				
Method	8260	8260	8260	8260
Date of Analysis	5/13/10	8/3/10	5/13/10	8/3/10
Benzene	<1.00	<1.00	<1.00	<1.00
Toluene	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	<1.00	<1.00	<1.00	<1.00
Xylenes, Total	<1.00	<1.00	<1.00	<1.00
Methyl-tert-butyl ether	<5.00	<5.00	<5.00	<5.00
1,2,3-Trimethylbenzene	<5.00	<5.00	<5.00	<5.00
1,2,4-Trimethylbenzene	<1.00	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	<1.00	<1.00	<1.00	<1.00
1,2-Dibromoethane (EDB)*	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	<1.00	<1.00	<1.00	<1.00
Naphthalene	<2.00	<2.00	<2.00	<2.00
2-Methylnaphthalene	<2.00	<2.00	<2.00	<2.00

**VOCs by Microextraction, µg/L**

1,2-Dibromoethane	-	-	-
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**Total Metals, µg/L**

Iron	316	234	-
Lead	<1.00	<1.00	-
Manganese	<3	<3	-

**316** Bold shaded value exceeds Part 213 res./comm. drinking water criteria.

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 HART, OCEANA COUNTY, MICHIGAN

TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Hazardous Substance	Chemical Abstract Number	Drinking Water	Groundwater Surface Interface	Volatilization to Indoor Air Inhalation	Groundwater Contact	Water Solubility	Flammability and Explosivity Screening Level	Acute Inhalation Screening Level
<b>VOLATILE ORGANIC COMPOUNDS, µg/L</b>								
Benzene (I)	71432	5.0 (A)	200 (X)	5,600	11,000	1,750,000	68,000	67,000
Toluene (I)	108883	790 (E)	140	530,000 (S)	530,000 (S)	526,000	61,000	ID
Ethylbenzene (I)	100414	74 (E)	18	110,000	170,000 (S)	169,000	43,000	170,000 (S)
m,p-Xylene	1330207	NL	NL	NL	NL	NL	NL	NL
o-Xylene	95476	NL	NL	NL	NL	NL	NL	NL
Xylenes (I)	1330207	280 (E)	35	190,000 (S)	190,000 (S)	186,000	70,000	190,000 (S)
Methyl-tert-butyl ether (MTBE)	1634044	40 (E)	730 (X)	4.7E+7 (S)	610,000	46,800,000	ID	ID
1,2,3-Trimethylbenzene	526738	NL	NL	NL	NL	NL	NL	NL
1,2,4-Trimethylbenzene (I)	95636	63 (E)	17	56,000 (S)	56,000 (S)	55,890	56,000 (S)	ID
1,3,5-Trimethylbenzene (I)	108678	72 (E)	45	61,000 (S)	61,000 (S)	61,150	ID	ID
1,2-Dibromoethane (EDB)*	106934	0.05 (A)	0.2 (X)	2,400	25	4,200,000	ID	ID
1,2-Dichloroethane (I)	107062	5.0 (A)	360 (X)	9,600	19,000	8,520,000	2,500,000	ID
Naphthalene	91203	520	13	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)
2-Methylnaphthalene	91576	260	ID	ID	25,000 (S)	24,600	ID	ID
<b>LEAD, TOTAL, µg/L</b>								
Iron (B)	7439896	300 (E)	NA	NLV	58,000,000	NA	ID	ID
Lead	7439921	4.0 (L)	14 (G,X)	NLV	ID	NA	ID	ID
Manganese (B)	7439965	50 (E)	3,600 (G,X)	NLV	9,100,000	NA	ID	ID

\*Also known as Ethylene Dibromide (EDB)



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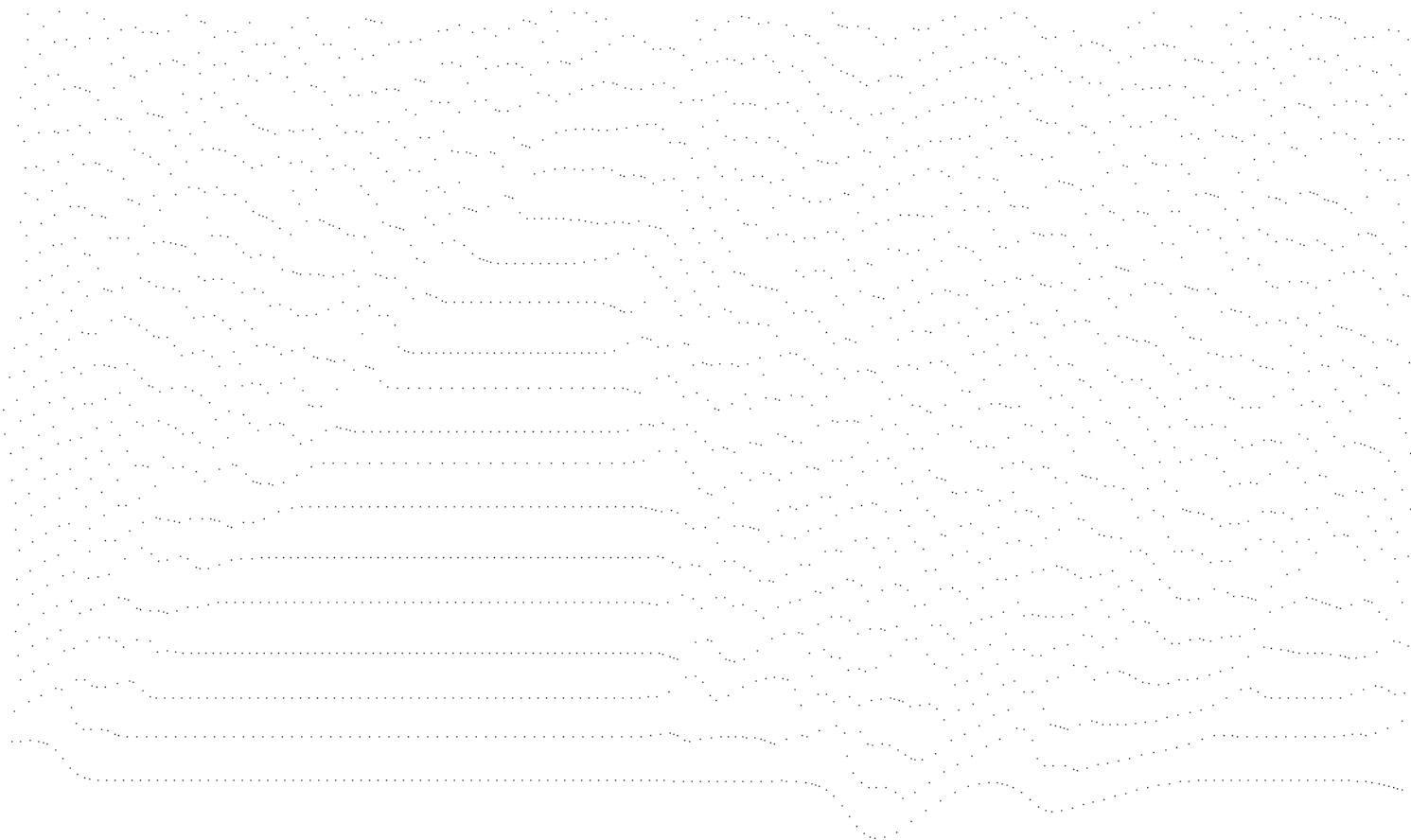
TABLE 3

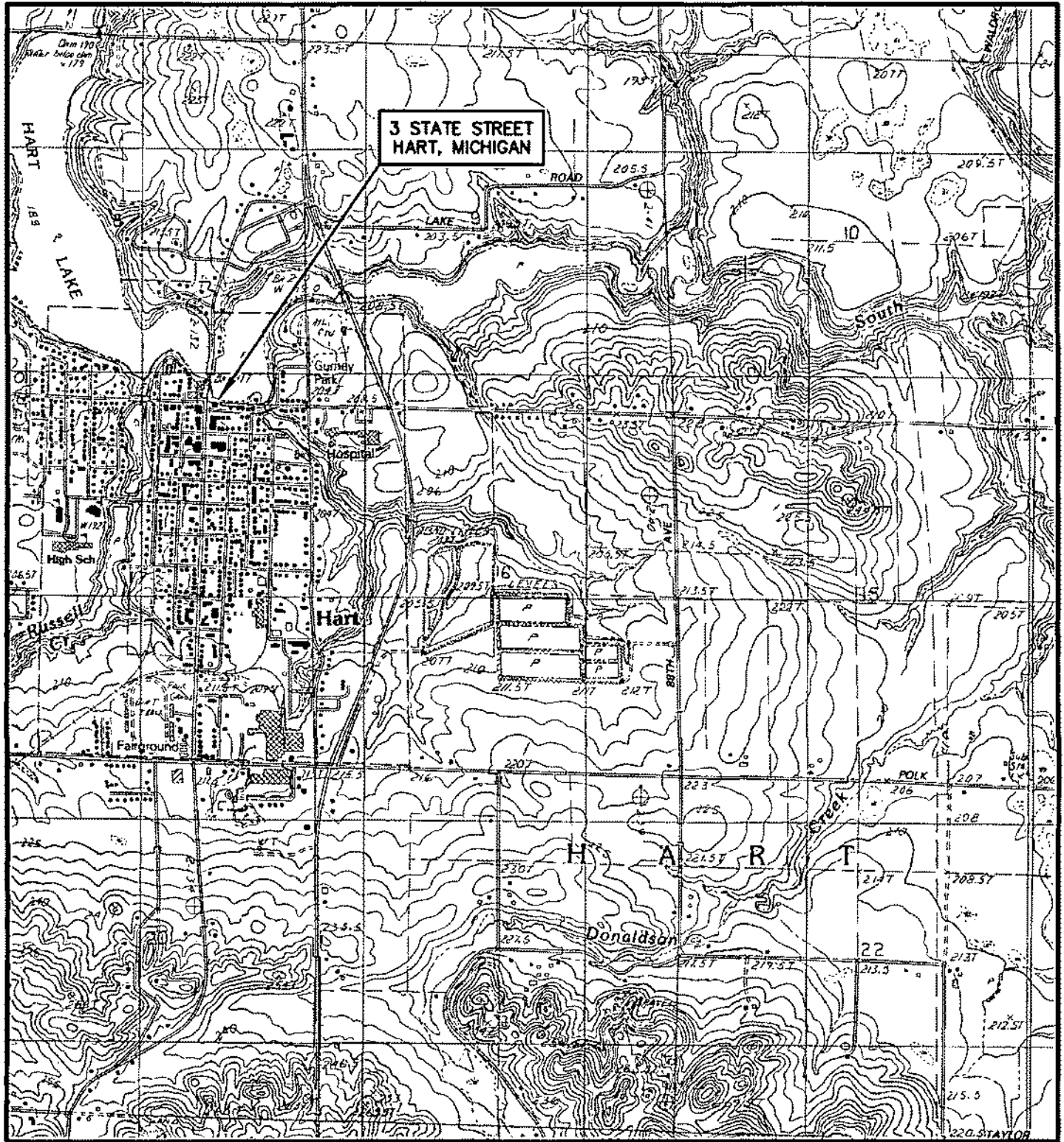
## SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

## Footnotes

## Notes

1. Feet below ground surface.
  2. Key to sample type: BL=collected with bailer. WP= sample collected from submersible whale pump. LF = Low flow.  
\* 10' screen length was installed so that top of groundwater elevation approximately intersects midpoint of screen  
"-." indicates sample not collected or parameter not analyzed on this sample.
  - A. Criterion is the state of Michigan drinking water standard
  - B. Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.
  - E. Criterion is the aesthetic drinking water value.
  - G. Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. Criteria were calculated using December 10, 2004 MDEQ spread sheet and hardness of 192 mg/L for Hart Lake from sample collected May 10, 2010.
  - I. Hazardous substance may exhibit the characteristic of ignitability.
  - L. Criteria for lead are derived using a biologically based model.
  - M. Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
  - Q. Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
  - S. Criterion defaults to the hazardous substance-specific water solubility limit.
  - X. The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
  - AA. Comparison to these criteria may take into account an evaluation of whether the hazardous substances are adsorbed to particulates rather than dissolved in water and whether filtered groundwater samples were used to evaluate groundwater.
  - ID. Insufficient Data to develop criterion.
  - NA. A criterion or value is Not Available or, in the case of background and CAS numbers, Not Applicable.
  - NL. Criterion Not Listed in MDEQ tables.
  - NLV. Hazardous substance is Not Likely to Volatilize under most conditions.
- Criteria obtained from Michigan Dept of Environmental Quality-Remediation and Redevelopment Division Operational (RRD Op) Memorandum No. 1 - Attachment 1, Table 1. Groundwater: Residential and Industrial-Commercial Part 201 Generic Cleanup Criteria and Screening Levels; Part 213 Tier 1 Risk-Based Screening Levels (RBSLs), January 23, 2006





MAP SOURCE : U.S.G.S. PROVISIONAL EDITION, 1983, HART QUADRANGLE

FORMER E-Z MART  
 3 STATE STREET  
 HART, MICHIGAN, 49420

# SITE LOCATION MAP

FIGURE 1

North



SCALE 1:25000

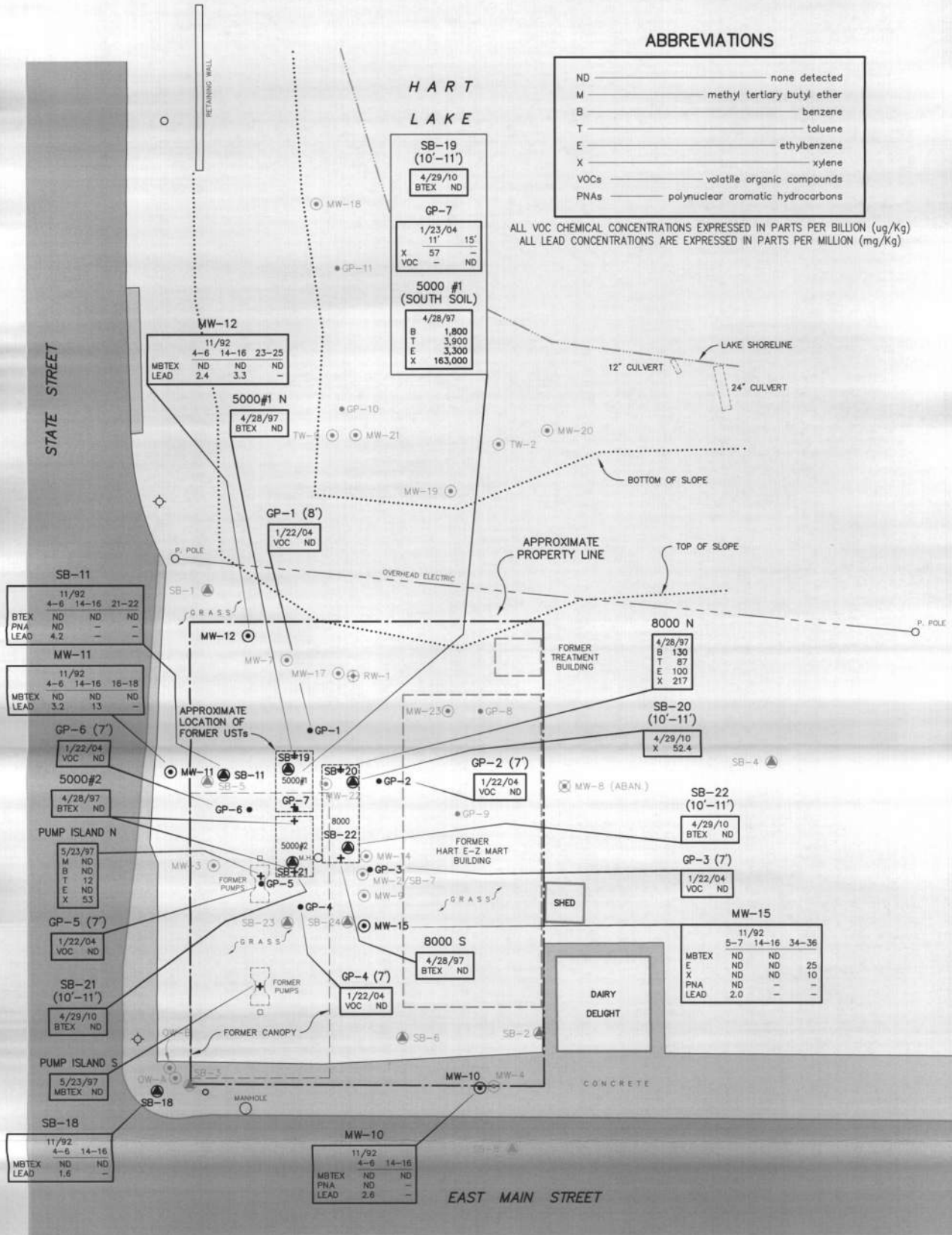
Prein&Newhof

2031177

### ABBREVIATIONS

ND	none detected
M	methyl tertiary butyl ether
B	benzene
T	toluene
E	ethylbenzene
X	xylene
VOCs	volatile organic compounds
PNA	polynuclear aromatic hydrocarbons

ALL VOC CHEMICAL CONCENTRATIONS EXPRESSED IN PARTS PER BILLION (ug/Kg)  
ALL LEAD CONCENTRATIONS ARE EXPRESSED IN PARTS PER MILLION (mg/Kg)



### LEGEND

- MONITORING WELL  
OW-A & OW-B, MW-1 THRU MW-17 BY OTHERS  
MW-18 THRU MW-23 BY PREIN & NEWHOF
- ⊙ SOIL BORING  
SB-1 THRU SB-18 BY OTHERS  
SB-19 THRU SB-24 BY PREIN & NEWHOF
- GEOPROBE BORING (BY PREIN & NEWHOF)
- ⊕ RECOVERY WELL (BY OTHERS)
- ⊕ SOIL GRAB SAMPLE  
WHEN USTs OR PUMP ISLANDS REMOVED (1997)



SCALE : 1" = 20'

FORMER E-Z MART  
3 STATE STREET  
HART, MICHIGAN, 49420

## SITE MAP SHOWING SOIL ANALYTICAL RESULTS

FIGURE 2

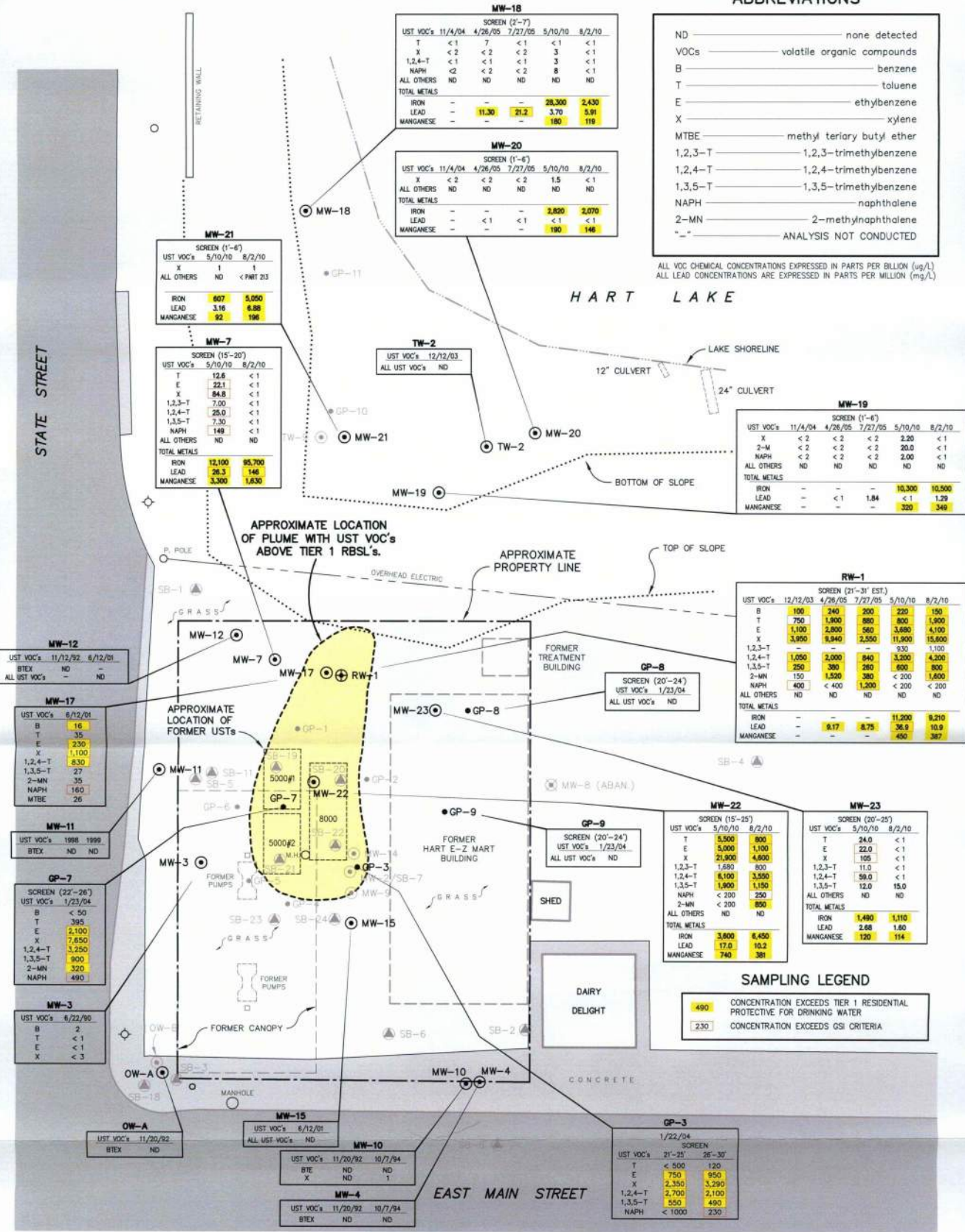
Prein&Newhof  
2031177

USTs AND PUMP ISLANDS REMOVED IN 1997  
MONITOR WELLS MW-3, MW-9, MW-14, MW-15, AND MW-17 WERE NOT OBSERVED BY PREIN & NEWHOF.  
BASE MAP, INCLUDING FORMER UST, PUMP ISLANDS AND BUILDING DRAWN FROM FINAL ASSESSMENT REPORT DATED SEPTEMBER 30, 1996.

**ABBREVIATIONS**

ND	none detected
VOCs	volatile organic compounds
B	benzene
T	toluene
E	ethylbenzene
X	xylene
MTBE	methyl tertiary butyl ether
1,2,3-T	1,2,3-trimethylbenzene
1,2,4-T	1,2,4-trimethylbenzene
1,3,5-T	1,3,5-trimethylbenzene
NAPH	naphthalene
2-MN	2-methylnaphthalene
"-"	ANALYSIS NOT CONDUCTED

ALL VOC CHEMICAL CONCENTRATIONS EXPRESSED IN PARTS PER BILLION (µg/L)  
ALL LEAD CONCENTRATIONS ARE EXPRESSED IN PARTS PER MILLION (mg/L)



**MW-18**

SCREEN (2'-7")

UST VOC's	11/4/04	4/26/05	7/27/05	5/10/10	8/2/10
T	<1	7	<1	<1	<1
X	<2	<2	<2	3	<1
1,2,4-T	<1	<1	<1	3	<1
NAPH	<2	<2	<2	8	<1
ALL OTHERS	ND	ND	ND	ND	ND
TOTAL METALS				28,300	2,430
IRON	-	-	-	-	-
LEAD	-	11,300	21,2	3,70	5,91
MANGANESE	-	-	-	180	118

**MW-20**

SCREEN (1'-4")

UST VOC's	11/4/04	4/26/05	7/27/05	5/10/10	8/2/10
X	<2	<2	<2	1.5	<1
ALL OTHERS	ND	ND	ND	ND	ND
TOTAL METALS				2,800	2,070
IRON	-	-	-	-	-
LEAD	-	<1	<1	<1	<1
MANGANESE	-	-	-	190	146

**MW-21**

SCREEN (1'-6")

UST VOC's	5/10/10	8/2/10
X	1	1
ALL OTHERS	ND	< PART 213
IRON	807	5,050
LEAD	3.16	6.88
MANGANESE	92	196

**MW-7**

SCREEN (15'-20")

UST VOC's	5/10/10	8/2/10
T	12.6	<1
E	22.1	<1
X	84.3	<1
1,2,3-T	7.00	<1
1,2,4-T	28.0	<1
1,3,5-T	7.30	<1
NAPH	149	<1
ALL OTHERS	ND	ND
TOTAL METALS		
IRON	12,100	85,700
LEAD	26.3	146
MANGANESE	3,300	1,630

**MW-19**

SCREEN (1'-4")

UST VOC's	11/4/04	4/26/05	7/27/05	5/10/10	8/2/10
X	<2	<2	<2	2.20	<1
2-M	<2	<2	<2	20.0	<1
NAPH	<2	<2	<2	2.00	<1
ALL OTHERS	ND	ND	ND	ND	ND
TOTAL METALS				10,300	10,500
IRON	-	-	-	-	-
LEAD	-	<1	1.84	<1	1.29
MANGANESE	-	-	-	320	349

**RW-1**

SCREEN (21'-31" EST.)

UST VOC's	12/12/03	4/26/05	7/27/05	5/10/10	8/2/10
B	100	240	200	220	150
T	750	1,900	880	800	1,800
E	1,100	2,800	560	3,680	4,100
X	3,950	9,840	2,550	11,900	15,600
1,2,3-T	-	-	-	930	1,100
1,2,4-T	1,050	2,000	840	3,200	4,200
1,3,5-T	250	380	260	860	900
2-MN	150	1,500	380	<200	1,600
NAPH	400	<400	1,200	<200	<200
ALL OTHERS	ND	ND	ND	ND	ND
TOTAL METALS				11,200	8,210
IRON	-	-	-	-	-
LEAD	-	8.17	8.75	36.9	10.9
MANGANESE	-	-	-	450	367

**SAMPLING LEGEND**

490	CONCENTRATION EXCEEDS TIER 1 RESIDENTIAL PROTECTIVE FOR DRINKING WATER
230	CONCENTRATION EXCEEDS GSI CRITERIA

**LEGEND**

- MONITORING WELL  
OW-A & OW-B, MW-1 THRU MW-17 BY OTHERS  
MW-18 THRU MW-23 BY PREIN & NEWHOF
- ▲ SOIL BORING  
SB-1 THRU SB-18 BY OTHERS  
SB-19 THRU SB-24 BY PREIN & NEWHOF
- GEOPROBE BORING (BY PREIN & NEWHOF)
- ⊕ RECOVERY WELL (BY OTHERS)
- ⊕ SOIL GRAB SAMPLE  
WHEN UST's OR PUMP ISLANDS REMOVED (1997)

North

SCALE : 1" = 20'

**FORMER E-Z MART**  
3 STATE STREET  
HART, MICHIGAN, 49420

**SITE MAP SHOWING**  
**GROUNDWATER SAMPLING LOCATIONS**  
AND  
**HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION**

**FIGURE 3**

USTs AND PUMP ISLANDS REMOVED IN 1997.  
MONITOR WELLS MW-3, MW-9, MW-14, MW-15, AND MW-17 WERE NOT OBSERVED BY PREIN & NEWHOF.  
BASE MAP, INCLUDING FORMER UST, PUMP ISLANDS AND BUILDING DRAWN FROM FINAL ASSESSMENT REPORT DATED SEPTEMBER 30, 1996.

**BASELINE ENVIRONMENTAL ASSESSMENT  
CONDUCTED PURSUANT TO SECTION 20126(1)(c)  
OF 1994 PA 451, PART 201, AS AMENDED, AND THE  
RULES PROMULGATED THEREUNDER**

**COMMERCIAL PROPERTY  
227 EAST MAIN STREET  
HART, MICHIGAN**

**Prepared For:**

City of Hart  
407 State Street  
Hart, Michigan 49420

**Prepared by:**

Dixon Environmental Consulting, Inc.  
1560 North Taylor Avenue  
Grand Rapids, Michigan 49505

November 7, 2019

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### **APPENDICES**

- Appendix A: Property Description, Certificate of Survey completed by Prein & Newhof on September 27, 2019 (Project Number 2190609) and Subdivision Plat (Standard Map of the Village of Hart in April 1895)
- Appendix B: Phase I Environmental Site Assessment completed by Dixon Environmental Consulting, Inc. on October 1, 2019
- Appendix C: Phase II Environmental Site Assessment completed by Dixon Environmental Consulting, Inc. On October 22, 2019



**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

## **1.0 Introduction and Discussion**

---

Dixon Environmental Consulting, Inc. (DEC) has prepared this Baseline Environmental Assessment (BEA) for the Commercial Property located at 227 East Main Street, Hart, Oceana County, Michigan (hereafter referred as “subject site” or “subject property”). The tax parcel identification number for the 0.65-acre subject site was identified as 64-020-209-005-00. The subject site included a portion of Lot 4, Lot 5, Lot 6 and one-half the ownership interest in Lot 7, Block 4 of the Standard Map of Village of Hart (currently known as the City of Hart). The western portion of the subject site was improved with a commercial building (former restaurant) and an asphalt paved parking area. The eastern portion of the subject site (co-owned with the eastern adjoining property owners, Austin and Brooke Bechtel) was maintained as an unpaved parking area with a small storage shed and a hot tub enclosure/retaining wall. The Property Description is included in Section 2.1 and in Appendix A. A Project Location Map, Site Vicinity Diagram and Ground Penetrating Radar Survey/Sample Detail Diagram depicting various details of the subject site and the surrounding area are included as Figures 1, 2 and 3, respectively.

### **1.1 Owner/Operator Information**

City of Hart, the prospective owner and operator, intends to acquire the subject site on or near November 15, 2019. The mailing address for City of Hart is 407 State Street, Hart, Michigan 49420. Ms. E. Lynne Ladner is the City Manager of the City of Hart.

### **1.2 Intended Use of Property**

City of Hart intends to raze and remove the existing building structure after acquiring the subject site. Following the demolition activities, the subject property will be prepared for redevelopment of a mixed use, main-floor retail and upper-level residential building structure, consistent with the uses permitted by the current commercial zoning ordinance.

### **1.3 Phase I Environmental Assessment (ESA) Executive Summary**

DEC completed a Phase I Environmental Site Assessment (ESA) for the subject site on October 1, 2019. Based on the information reviewed, the subject site was originally platted as a portion of the Standard Map of the Village of Hart in April 1895. The 1900 fire insurance map depicted two residential houses and two outbuildings on the eastern (Lot 7) and central (Lot 6) portions of the subject site. The western portion of the subject site (Portion of Lot 4/Lot 5) was vacant and no operations were identified. The western portion of the subject site remained vacant until the construction of a poultry market (northern portion of the current building) in 1946.

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The west-central portion of the subject site (Lot 5) was purchased by William D. and Barbara A. Walker in May 1964. During the Walker's ownership, the commercial building was renovated and operated as Walker's Restaurant/Fine Dining & Cocktails. The central and eastern portions of the subject site (Lots 6 and 7) were acquired in March 1968 and August 1971, respectively. The historical residential houses and outbuildings were demolished/removed and a paved parking area was constructed on the central portion of the subject site. The eastern portion of the subject site was maintained as an unpaved parking area. In addition, three underground storage tanks (USTs) were installed in the mid-1970's. The USTs were located on the northeastern portion of the subject site, but were operated by the gasoline filling station/automobile repair facility at the eastern adjoining property. Additional details pertaining to the USTs at the subject site are included below. One-half of the property interest in Lot 7 was later sold to the owners of the eastern adjoining property, Nicholas and Karol Greiner, in August 1983. The remaining portion of the subject site (eastern six feet of Lot 4) was acquired for the construction of a bar entrance in May 1997. Walker's Restaurant/Fine Dining & Cocktails was operated at the subject site by the Walker Family from the mid-1960's through the early 2000's.

The entire subject site was acquired by Carmbob, LLC in February 2003. During Carmbob, LLC's ownership, the restaurant was operated as Walker's Fine Dining, Inc. The restaurant ultimately closed in 2012 and the subject property was transferred to the current owners, Gene and Luann Moorman. Gail Salazar temporarily acquired the subject site under an unrecorded Land Contract Agreement in December 2012. The restaurant was partially renovated, however, Ms. Salazar defaulted on the Land Contract Agreement and the Moorman's reacquired the subject site in July 2019. At the time of the site reconnaissance, the restaurant was vacant/partially renovated and no operations were conducted.

The one-half ownership interest in Lot 7 (eastern portion of the subject site) was retained by the adjoining property owners, Nicholas and Karol Greiner, through the early 2000's. The Michigan Department of Licensing and Regulatory Affairs, Storage Tank Division (STD) file indicated the three USTs were removed by Boonstra Oil Co., Inc. in the mid or late 1980's. The eastern portion subject site was subsequently maintained as an unpaved parking area. The one-half interest in Lot 7 and the eastern adjoining property were conveyed to Austin and Brooke Bechtel in May 2016. During the Bechtel's ownership, a second level residential addition was constructed above the former gasoline filling station/automobile repair facility at the eastern adjoining property. The unpaved parking area was improved with chipped stone and a hot tub enclosure/retaining wall was installed on the southeastern portion of the subject site.

The Phase I ESA revealed no evidence of recognized environmental conditions (RECs) in connection with the subject properties, except the following:

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- A gasoline filling station was historically operated at the eastern adjoining property. The STD records indicated three USTs were operated by the gasoline filling station. The USTs included a 2,000-gallon gasoline UST, a 1,000-gallon gasoline UST and a 500-gallon gasoline UST. Based on the site observations and interviews, the USTs were installed along the western side of the former filling station, on the northeastern portion of the subject site. The USTs were installed in the mid-1970's and were removed in the mid-1980's or late 1980's. Although the filling station owner at that time (Nicholas Greiner) indicated the USTs were removed, no documentation or confirmation soil/groundwater testing was conducted. Due to the lack of documentation and sampling, the potential exists for additional USTs to exist and/or residual environmental impact to be present at the subject site. The material threat of abandoned USTs and/or residual environmental impact at the subject site was identified as an REC.
  
- Based on the historical Sanborn Fire Insurance map review, the operations near the subject site included three automobile repair facilities. The automobile repair facilities were located at the adjoining properties to the northeast, east and northwest. Automobile repair operations involve the use/handling of various hazardous substances including oil, fuels, lubricants and antifreeze. The operations at the northwestern adjoining property included a gasoline UST in the East Main Street right-of-way (located along the northern property boundary of the subject site). The material threat of migrating contamination from the adjoining automobile repair facilities was identified as an REC.

Regarding developments in the surrounding area, DEC identified 13 sites within the ASTM Approximate Minimum Search Distance (AMSD) criteria. DEC also reviewed historical resources to determine if the former land uses of the adjoining properties represented an environmental concern to the subject site. Based on the information reviewed, the remaining AMSD sites and adjoining properties do not appear to represent an environmental concern to the subject site in regard to contaminant migration (soil, groundwater or vapor). A brief description and summary of the AMSD criteria are included in the EDR Radius Map Report (an appendix of the Phase I ESA). The Phase I ESA is included as Appendix B of this BEA.

**1.4 Any exceptions to, or deletions from, the All Appropriate Inquiry Rule 40 CFR 312 or ASTM Standard Practice E 1527-13**

One limitation was identified during the Phase I ESA.

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- A judicial record search of environmental lien or Activity and Use Limitations (AUL) search/review was not conducted as a part of the Phase I ESA process.

An independent review of reasonably ascertainable title information was conducted at the Oceana County Register of Deeds. Based on the title review, no liens, encumbrances, restrictions or AULs pertaining to environmental issues were associated with the subject site. DEC also reviewed the most recent EGLE Perfected Lien List. The review did not identify the subject site on the EGLE Perfected Lien List.

Based on the review of title information and the Perfected Lien List, DEC does not consider the lack of a judicial environmental lien or AUL search/review to be a significant limitation that would alter the conclusions of the Phase I ESA. There were no additional exceptions to, or deletions from, the All Appropriate Inquiry Rule 40 CFR 312 or ASTM Standard Practice E 1527-13.

### **1.5 Data Gaps**

DEC utilized standard historical sources (aerial photographs, fire insurance maps, tax assessing files, recorded land title records, USGS topographic maps, local street directories and zoning records) to establish historical uses at the subject property. The following items identify and explain the data gaps encountered in the Phase I ESA:

- Data failure occurred for the specific site operations prior to 1894.

DEC does not consider the data failure to represent a significant limitation which would alter the conclusions of the BEA.

### **1.6 Sampling Completed, Purpose and Methods**

Soil and groundwater sampling activities were conducted by DEC in October 2019. The sampling activities were conducted to further investigate the subsurface conditions and to determine whether the subject site qualified as a “facility”/“site” as defined in Part 201/Part 213 of the Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act 451 of 1994, as amended (Part 201). A “site” is defined in Section 324.21303(l) as a location where a release has occurred or a threat of release exists from an underground storage tank system, excluding any location where corrective action was completed which satisfies the applicable Risk Based Screening Levels or Site-Specific Target Level. A “facility” is defined in Section 324.20101(1)(s) as any area, place, or property where a hazardous substance in excess of the concentrations that satisfy the cleanup criteria for unrestricted residential use has been released, deposited, disposed of, or otherwise comes

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to be located. The term "facility" does not include any area, place, or property at which response activities have been completed which satisfy the cleanup criteria for the residential category provided for in Sections 324.20120a(1)(a) and (17) or at which corrective action has been completed under Part 213 which satisfies the cleanup criteria for unrestricted residential use.

During the subsurface investigation, six borings were conducted on the subject site. A total of two discrete soil samples were collected from the soil borings. Six soil borings were converted into temporary well points for groundwater sampling. A total of six representative groundwater samples were collected from the temporary monitor wells and submitted for chemical analysis from the subject site. The soil and/or groundwater samples were chemically analyzed for the Standard List of Polynuclear Aromatic Hydrocarbons (PNAs), the Standard Volatile Organic Compound List via EPA Method 8260 and/or certain inorganic metallic constituents (IMCs) (cadmium, chromium [total] and/or lead).

Specific details pertaining to the chemical analysis results from the soil and groundwater samples collected from the subject site are summarized in Sections 1.7 and 3.0 of this BEA. The boring locations and a summary table comparing the analytical results to the GRCC as outlined under the NREPA, as amended, are included on Figure 3.

The subsurface conditions were investigated in 2019. The demonstrations, which presents methodologies, sample locations and chemical analysis results compared to the GRCC for soil and groundwater as outlined by NREPA for the Phase II ESA investigation, were included as Appendix C.

### **1.7 Known Contamination General Location(s) and Media Affected**

The subsurface investigation identified a single concentration of the volatile organic compound (VOC), **1,2,4-trimethylbenzene**, in the groundwater that exceeded the current GRCC. The impacted groundwater exceeding the GRCC was encountered at 12.8 feet below grade limit. No impacted soil was encountered in the samples collected from the subject site. The soil boring locations and the soil and groundwater analytical results are presented on Figure 3 - Ground Penetrating Radar Survey/Sample Detail Diagram.

### **1.8 Underground Storage Tanks**

The Phase I ESA identified the potential for USTs to exist on the subject property. On October 10, 2019, Diamond Concrete Sawing (DCS) of Grand Rapids, Michigan conducted a Ground Penetrating Radar (GPR) Survey at the subject site. The results of the GPR Survey did not identify anomalies that appeared consistent with abandoned USTs.

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and the Rules promulgated thereunder**

Additional details pertaining to the GPR Survey are included in the Phase II ESA (Appendix C of this report). The GPR Survey limits are also depicted on Figure 3.

**1.9 Basis for Concluding the Property is a Site/Facility**

The analytical results provided the basis results which support that the subject site is a “facility” as defined under Part 201. The results identified that **1,2,4-trimethylbenzene** in the groundwater existed in excess of the GRCC.

Based on the chemical fate and transport of the aforementioned hazardous substance identified and DEC’s professional opinion, the 2019 chemical analysis effectively characterizes the subject site as a “facility” or “site” as defined under Part 201 of the Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act 451 of 1994, as amended (Part 201).

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of 1994 PA 451, Part 201, as amended,  
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## **2.0 Property Information**

---

### **2.1 Property Description**

Lots 5, 6, and an undivided ½ interest in Lot 7, and the East 6 feet of Lot 4, Block 9, City of Hart, Oceana County, Michigan, Section 17, Town 15 North, Range 17 West.

**Parcel Identified Number:** 64-020-209-005-00

**Note:** Property Description obtained from the Certificate of Survey completed by Prein & Newhof on September 27, 2019 (Project Number 2190609).

### **2.2 Survey Map(s) of Property**

A Certificate of Survey was provided to DEC by Prein & Newhof on September 27, 2019 and is included in Appendix A. The property description above (also included in Appendix A) was obtained from the Certificate of Survey. The Standard Map of the Village of Hart in April 1895 is also included as a portion of Appendix A.

### **2.3 Scaled Site Map(s) of Property**

The site structures, sample locations, sample intervals/depth and detectable concentrations for the soil and groundwater samples are presented on Figure 3. In addition, photographs of the site were included in Appendix F of the Phase I ESA. The Phase I ESA is included in Appendix B of this BEA.

### **2.4 Scaled Area Map(s) of Property**

The United States Geological Survey (USGS), 7.5 minute Quadrangle Maps containing coverage of the subject site and the surrounding area was reviewed. The Quadrangle Maps titled Hart, Michigan and Mears, Michigan were attained from The USGS Store, Map Locator and Downloader. A copy of the combined Quadrangle Maps is included as the base map for Figure 1. A description of the Quadrangle Maps is included below.

The regional topography of the area undulated between upland and lowland areas. Lakes, rivers and creeks were depicted throughout the lowland areas. The closest surficial body of water, Hart Lake, was depicted approximately 100 feet to the north of the subject site. Two additional bodies of water, an unlabeled creek and the Russell Creek, were located approximately 500 feet to the east and 1,200 feet to the west, respectively.

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and the Rules promulgated thereunder**

**2.5 Address of Property**

The address for the subject site was identified as 227 East Main Street, Hart, Michigan 49420.

**2.6 Geographic Location of Property**

The rectangular shaped, 0.65-acre subject site is located south of East Main Street approximately 300 feet east of South State Street. The subject property is situated in the Northeast 1/4 of the Northeast 1/4, of Section 17, Township 15 North, Range 17 West (City of Hart). The geographic latitude and longitude coordinates were identified as 43.702451 and -86.361956, respectively, which was approximately the center of the subject site. The latitude and longitude coordinates were acquired through the Google Maps Website.



**Baseline Environmental Assessment  
 Conducted Pursuant to Section 20126(1)(c)  
 of 1994 PA 451, Part 201, as amended,  
 and the Rules promulgated thereunder**

**3.0 Facility Status**

---

Subsurface sampling activities were conducted by Dixon Environmental Consulting, Inc. in October 2019 to investigate the soil and/or groundwater conditions at the subject site and to determine if the subject property qualified as a “facility” or “site.” The boring locations and analytical data specific to the subject site and compared to the Residential Part 201 Generic Cleanup Criteria (GRCC) as outlined under Part 201 of the Natural Resources and Environmental Protection Act, Michigan Public Act 451 of 1994 (Part 201), as amended, are included on Figure 3. The following is a summation of the subsurface sampling activities.

**3.1 Hazardous Substance Concentrations**

**3.1.1 Soil Analytical Results**

The chemical analysis results for the soil samples collected from the subject site identified concentrations of the inorganic metallic constituent (IMC), lead, exceeding the laboratory method detection limit (MDL). The concentrations, however, did not exceed the GRCC. In addition, no concentrations of polynuclear aromatic hydrocarbons (PNAs) or volatile organic compounds (VOCs) exceeded the MDL or the GRCC.

**3.1.2 Groundwater Analytical Results**

The chemical analysis results for the groundwater samples collected from the subject site identified a single concentration of the VOC, **1,2,4-trimethylbenzene**, in excess of the GRCC. A single concentration of the VOC, 1,3,5-trimethylbenzene, exceeded the MDL. The concentration, however, did not exceed the GRCC. The remaining VOCs did not exceed the MDL or the GRCC. In addition, no concentrations of the IMCs, cadmium, chromium (total) and lead, or PNAs exceeded the MDL or the GRCC. Table 1 below identifies the hazardous substance, CAS Number, sample collection date, chemical analysis result and sample identification/sample depth of the VOC that exceeded the GRCC.

<b>Baseline Environmental Assessment            Table 1 - Groundwater Analytical Results Exceeding the GRCC            227 East Main Street, Hart, Michigan</b>				
<b>Hazardous Substance</b>	<b>CAS Number</b>	<b>Date Collected</b>	<b>Concentration exceeding the GRCC (µg/L)</b>	<b>Sample ID (Sample Depth)</b>
1,2,4-trimethylbenzene	95636	10/15/2019	37	SB-2 (12.8')

Notes:  
 Generic Residential Cleanup Criteria (GRCC) as outlined in Part 201 of the Natural Resources and Environmental Protection Act, Michigan Public Act 451 of 1994, as amended.  
 Samples collected by Dixon Environmental Consulting, Inc.

**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

**3.2 Analytical Results Documentation**

The laboratory analytical data sheets and chain-of-custody documentation for the subsurface investigation were presented in the 2019 Phase II ESA. The Phase II ESA is included as Appendix C.

**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

**4.0 Identification of the Author of the BEA**

---

Ms. Jennifer L. Knuth is a Project Scientist at Dixon Environmental Consulting, Inc. (DEC). DEC is located at 1560 North Taylor Avenue, Grand Rapids, Michigan 49505. The phone number is (616) 742-5511. Ms. Knuth has 19 years of experience as an environmental professional, consultant and project manager. Ms. Knuth received a Bachelor of Applied Science in Industrial Design from ITT Technical Institute.

Ms. Knuth's Project Management experience includes conducting Phase I Environmental Site Assessments under the latest ASTM International Standard Practice 1527 and latest Federal All Appropriate Inquiry scoped assessments and Phase II ESA. In addition, Ms. Knuth has conducted numerous Baseline Environmental Assessments and Due Care Analysis and Plan reports.

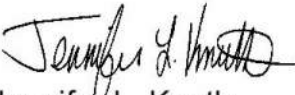
Ms. Knuth declares that, to the best of her professional knowledge and belief, she meets the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312 and she has the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. She has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

This Baseline Environmental Assessment (BEA) for the Commercial Property located at 227 East Main Street, Hart, Oceana County, Michigan (Tax Parcel Number: 64-020-209-005-00) was prepared by Ms. Jennifer L. Knuth, Project Scientist at Dixon Environmental Consulting, Inc. and completed on November 7, 2019.

The City of Hart may use and rely on the results and conclusions of this BEA. No other parties may use or rely on the information without client approval and written permission from Dixon Environmental Consulting, Inc.

**REPORT PREPARED BY:**

**DIXON ENVIRONMENTAL CONSULTING, INC.**

  
Jennifer L. Knuth  
Project Scientist

**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

**5.0 All Appropriate Inquiry/ASTM Phase I Environmental Site Assessment**

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The purpose of conducting an environmental assessment of a parcel of commercial real estate is to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This practice constitutes all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice as defined at 42 U.S.C. §9601(35)(B).

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

A hazardous substance as defined by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), formerly known as the Michigan Department of Environmental Quality (MDEQ) means one or more of the following, but does not include fruit, vegetable, or field crop residuals or processing by-products, or aquatic plants, that are applied to the land for an agricultural use or for use as an animal feed, if the use is consistent with generally accepted agricultural management practices developed pursuant to the Michigan right to farm act, 1981 PA 93, MCL 286.471 to 286.474:

- (i) Any substance that the department demonstrates, on a case by case basis, poses an unacceptable risk to the public health, safety, or welfare, or the environment, considering the fate of the material, dose-response, toxicity, or adverse impact on natural resources.
- (ii) Hazardous substance as defined in the comprehensive environmental response, compensation, and liability act, 42 USC 9601 to 9675.

**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

- (iii) Hazardous waste as defined in part 111.
- (iv) Petroleum as described in part 213.

As part of the Phase I ESA, DEC conducted a historical investigation and a reconnaissance walkover concentrating primarily on the site conditions and activities performed at the subject site. In addition, DEC interviewed former owners of the subject Property to identify if any hazardous substances or petroleum products may have been utilized. The Phase I ESA was performed utilizing methodology of the ASTM International Standard E 1527-13, All Appropriate Inquiry standard. A summary of the site features identified during the site walkover are included in Section 5.2 of the Phase I ESA. The Phase I ESA is included as Appendix B.

**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

**6.0 References**

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Certificate of Survey completed by Prein & Newhof on September 27, 2019 (Project Number 2190609).

Phase I Environmental Site Assessment, Commercial Property, 227 East Main Street, Hart, Michigan completed by Dixon Environmental Consulting, Inc. on October 1, 2019.

Phase II Environmental Site Assessment, Commercial Property, 227 East Main Street, Hart, Michigan completed by Dixon Environmental Consulting, Inc. on October 22, 2019.

Review of United States Geological Survey (USGS), 7.5 Minute Quadrangle Maps for Hart, Michigan and Mears, Michigan (attained from The USGS Store, Map Locator and Downloader).

Administrative Rules for Part 201 of the Natural Resources and Environmental Protection Act 1994 PA 451, as amended.

Michigan Department of Environmental Quality, Remediation and Redevelopment Division Baseline Environmental Assessment Submittal Form EQP 4025 and Contents of BEA Report, as amended.

Michigan Department of Environmental Quality, Remediation and Redevelopment Division Cleanup Criteria Requirements for Response Activity, as amended.

Michigan Department of Environmental Quality, Remediation and Redevelopment Division Operational Memorandum No. 2: Sampling and Analysis dated October 22, 2004.

**Baseline Environmental Assessment  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules promulgated thereunder**

Michigan Department of Environmental Quality, Remediation and Redevelopment Division  
Instructions for Preparing and Disclosing Baseline Environmental Assessments and  
Section 7A Compliance Analyses to the Michigan Department of Natural Resources  
and Environment and for Request for Optional Determinations dated March 11,  
1999.

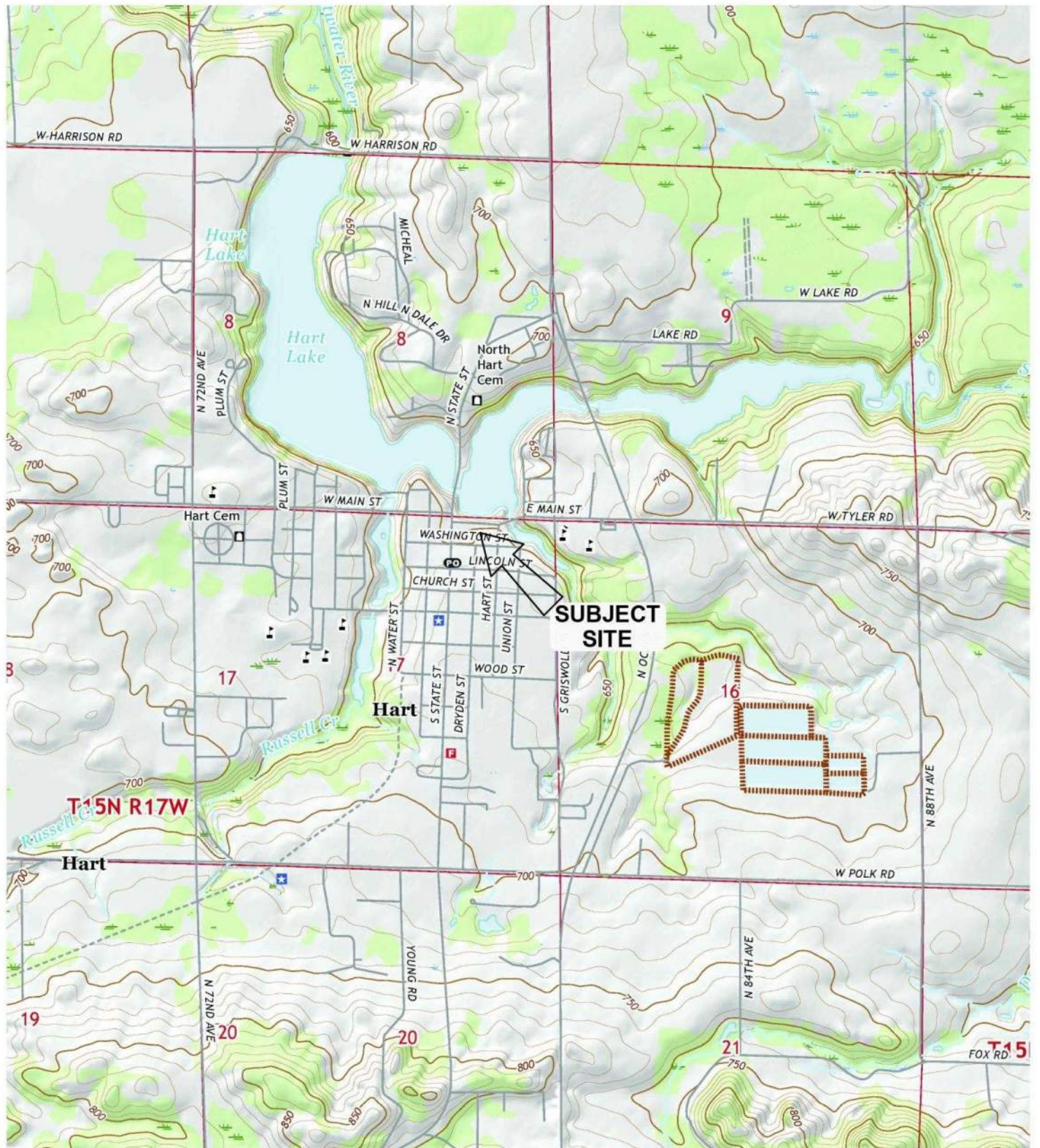
## **FIGURES**

**PROJECT LOCATION MAP**

**SITE VICINITY DIAGRAM**

**GROUND PENETRATING RADAR SURVEY/  
SAMPLE DETAIL DIAGRAM**





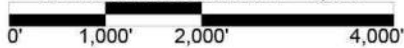
USGS 7.5 MINUTE QUADRANGLE MAPS: HART, MICHIGAN AND MEARS, MICHIGAN



OCEANA COUNTY, MICHIGAN

PROJECT NUMBER: 19-08-008C | DATE: 11/7/2019

APPROXIMATE SCALE: 1" = 2,000'



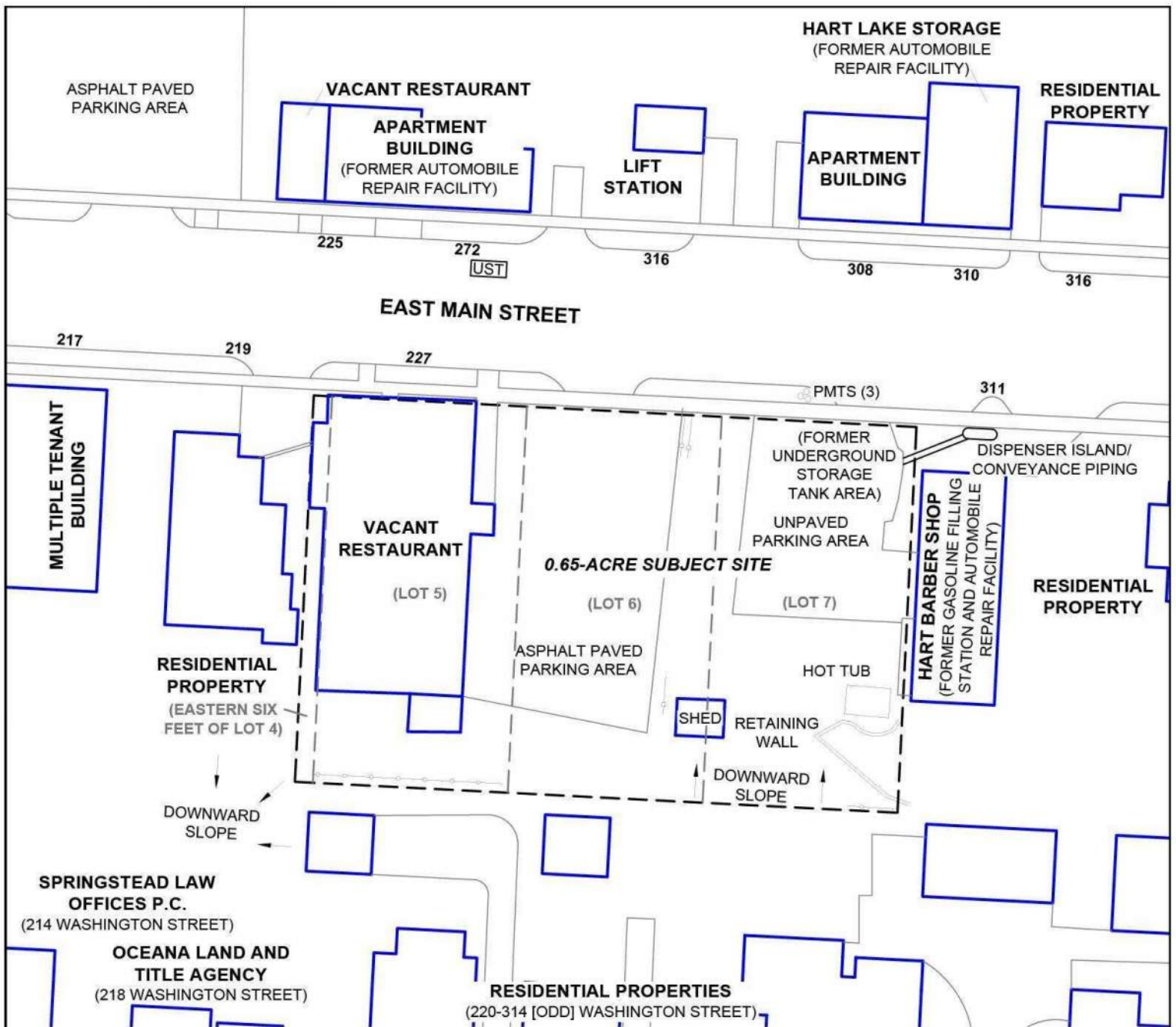
**BASELINE ENVIRONMENTAL ASSESSMENT**

FIGURE 1 - PROJECT LOCATION MAP



NORTH

COMMERCIAL PROPERTY  
 227 EAST MAIN STREET  
 PARCEL NUMBER: 64-020-209-005-00  
 HART, MICHIGAN



**LEGEND**

- SUBJECT SITE BOUNDARY
- LOT LINE
- BUILDING STRUCTURE
- GUARD RAIL
- FENCE
- UST FORMER UNDERGROUND STORAGE TANK LOCATION

**DIAGRAM NOTES:**

THIS DIAGRAM IS NOT A LEGAL SURVEY.  
 THE DETAILS DEPICTED ON THIS DIAGRAM ARE APPROXIMATE LOCATIONS BASED ON THE AVAILABLE AERIAL PHOTOGRAPHS, STANDARD HISTORICAL RESOURCES AND/OR FIELD OBSERVATIONS.

PROJECT NUMBER: 19-08-008C | DATE: 11/7/2019

APPROXIMATE SCALE: 1" = 50'



**BASELINE ENVIRONMENTAL ASSESSMENT**

FIGURE 2 - SITE VICINITY DIAGRAM



COMMERCIAL PROPERTY  
 227 EAST MAIN STREET  
 PARCEL NUMBER: 64-020-209-005-00  
 HART, MICHIGAN

227 EAST MAIN STREET



- LEGEND**
- SB-1 • BORING LOCATION (10/15/2019) [ANALYTICAL RESULTS DID NOT EXCEED THE RESIDENTIAL PART 201 GENERIC CLEANUP CRITERIA (GRCC)]
  - SB-2 • BORING LOCATION (10/15/2019) [ANALYTICAL RESULTS EXCEEDED THE GRCC]
  - ▨ GROUND PENETRATING RADAR (GPR) SURVEY (10/10/2019) AREA [NOT SCANNED DUE TO VARIOUS OBSTRUCTIONS]
  - ▭ GPR SURVEY AREA (10/10/2019) [NO ANOMALIES CONSISTENT WITH AN UNDERGROUND STORAGE TANK]
  - - - SUBJECT SITE BOUNDARY
  - - - LOT LINE
  - ▭ BUILDING STRUCTURE
  - ▬ GUARD RAIL
  - ▬ FENCE

**GROUNDWATER ANALYTICAL RESULTS TABLE**

CONSTITUENT	CAS NUMBER	SB-1 10/15/19	SB-2 (12.6) (12.8)	SB-3 (12.7) (11.9)	SB-4 (11.9) (11.5)	SB-5 (11.5) (10/15/19)	SB-6 (13.2) (10/15/19)
<b>INORGANIC METALLIC CONSTITUENTS (ppb)</b>							
CADMIUM	7440439	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CHROMIUM (TOTAL)	VARIABLES	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LEAD	7439921	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
<b>POLYNUCLEAR AROMATIC HYDROCARBONS (PNAS) (ppb)</b>							
<b>VOLATILE ORGANIC COMPOUNDS (VOCs) (ppb)</b>							
1,2,4-TRIMETHYLBENZENE	96638	< 1.0	37	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-TRIMETHYLBENZENE	108678	< 1.0	14	< 1.0	< 1.0	< 1.0	< 1.0
REMAINING VOCs		BDL	BDL	BDL	BDL	BDL	BDL

**SOIL ANALYTICAL RESULTS TABLE**

CONSTITUENT	CAS NUMBER	SB-1 10/15/19	SB-2 (11.0-11.5) (11.0-11.5)	GRCC
<b>INORGANIC METALLIC CONSTITUENT (ppb/kg)</b>				
LEAD	7439921	5,000	3,600	400,000 <sup>c</sup>
<b>POLYNUCLEAR AROMATIC HYDROCARBONS (PNAS) (ppb/kg)</b>				
PNAS		BDL	BDL	BDL
<b>VOLATILE ORGANIC COMPOUNDS (VOCs) (ppb/kg)</b>				
VOCs		BDL	BDL	BDL

**TABLE NOTES:**

GRCC - RESIDENTIAL PART 201 GENERIC CLEANUP CRITERIA AS OUTLINED IN THE REMEDIATION AND REDEVELOPMENT DIVISION CLEANUP CRITERIA REQUIREMENTS FOR RESPONSE ACTIVITY TABLES EFFECTIVE JUNE 25, 2018.

SAMPLE DATA IN RED EXCEEDS THE CURRENT GRCC.

(ppb/kg) - MICROGRAMS PER KILOGRAM.

(ppb/L) - MICROGRAMS PER LITER.

BDL - BELOW LABORATORY METHOD DETECTION LIMITS.

A - DRINKING WATER CRITERIA.

B - GROUNDWATER SURFACE WATER INTERFACE CRITERIA.

C - DIRECT CONTACT CRITERIA.

**BASELINE ENVIRONMENTAL ASSESSMENT**

FIGURE 3 - GROUND PENETRATING RADAR SURVEY/  
SAMPLE DETAIL DIAGRAM

COMMERCIAL PROPERTY  
227 EAST MAIN STREET  
PARCEL NUMBER: 64-020-209-005-00  
HART, MICHIGAN

NORTH

**DIAGRAM NOTES:**

THIS DIAGRAM IS NOT A LEGAL SURVEY. THE DETAILS DEPICTED ON THIS DIAGRAM ARE APPROXIMATE LOCATIONS BASED ON THE AVAILABLE AERIAL PHOTOGRAPHS, STANDARD HISTORICAL RESOURCES AND/OR FIELD OBSERVATIONS.

PROJECT NUMBER: 19-08-008C | DATE: 11/7/2019  
APPROXIMATE SCALE: 1" = 20'

**BASELINE ENVIRONMENTAL  
ASSESSMENT  
HART SENIORS LDHALP  
26 NORTH STATE STREET  
HART, OCEANA COUNTY, MI 49420**

**Prepared For:**

**Mr. Joseph Hollander  
Hart Seniors LDHALP  
1822 West Michigan Avenue, Suite 1-C  
Portage, MI 49024**

**Prepared By:**

**EMES Consulting**

**Joshua J. Taylor  
Project Manager**

**Submission Date: August 13, 2013**

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FIGURE 1 SITE LOCATION MAP

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FIGURE 3 SITE MAP WITH DETECTED CONCENTRATIONS

FIGURE 4 TOPOGRAPHIC MAP SHOWING PROPERTY IN RELATION TO SURROUNDING PROPERTIES

FIGURE 5 SITE SURVEY

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TABLE 2 GROUNDWATER ANALYTICAL RESULTS

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**BASELINE ENVIRONMENTAL ASSESSMENT**  
*(Conducted Pursuant to Section 20126(1)(c) of 1994 P.A. 451,  
Part 201, as amended and the Rules promulgated thereunder)*

**1.0 INTRODUCTION AND DISCUSSION**

**A. OWNER/OPERATOR INFORMATION (NAME, ADDRESS, ETC.)**

**Mr. Joseph Hollander**  
**Hart Seniors LDHALP**  
**1822 West Michigan Avenue, Suite 1-C**  
**Portage, MI 49024**

**B. INTENDED USE OF PROPERTY (I.E., RESIDENTIAL, INSTITUTIONAL,  
INDUSTRIAL, GAS STATION, COMMERCIAL, ETC.)**

It is intended that the property will be multi-family residential.

**C. EXECUTIVE SUMMARY OF ALL APPROPRIATE INQUIRY (AAI)**

**EXECUTIVE SUMMARY**

EMES Consulting LLC, (EMES) has been retained by Hart Seniors LDHALP to perform a Baseline Environmental Assessment (BEA) at 26 North State Street, Hart, Oceana County, Michigan 49420.

The subject property is located at 26 North State Street, Hart, Oceana County, Michigan 49420 and is within a mixed residential, commercial, and recreational area. The subject property is currently vacant land with no structures.

**Data Failure Discussion**

This assessment has revealed no data gaps associated with the subject property as discussed in ASTM E 1527-05 Section 12.7.

**Conclusions**

EMES has performed a BEA of the property at 26 North State Street, Hart, Oceana County, Michigan 49420 in conformance with Section 20126(1)(c) of 1994 P.A. 451,

Part 201, as amended and the Rules promulgated thereunder. A previous Phase I Environmental Site Assessment (ESA) has revealed the following recognized environmental condition in connection with the property:

- Soil and groundwater impact identified on the subject property. The subject property has "facility" status under Part 201.

**D. ANY EXCEPTIONS TO OR DELETIONS FROM, THE AAI RULE 40 CFR 312 OR ASTM E 1527-05**

There are no exceptions to, or deletions from ASTM E 1527-05 in the Phase I ESA.

**E. DISCUSSION OF DATA GAPS IN THE AAI OF PHASE I AND HOW THEY AFFECT THIS BEA**

EMES personnel were unable to complete some of the interviews. Historical use of the subject property was not documented prior to 1893 or after 1946. Historical use of the subject property was identified sufficiently through available sources, interviews, and previous environmental reports. These data gaps are not significant as discussed in ASTM E 1527-05 Section 12.7 because no reasonable concerns were raised involving the data gap during the completion of the Phase I ESA. These data gaps did not raise any reasonable concerns and therefore will not affect this BEA.

**F. DISCUSSION OF SAMPLING COMPLETED, INCLUDING THE PURPOSE AND METHODS**

EMES performed a total of eight (8) soil borings, SB-1 through SB-8 on April 12, 2012 at the aforementioned property as part of this investigation. EMES also sampled one (1) monitoring well on the subject property on April 12, 2012, MW-1, as part of this Phase II investigation. A Site Location Map is included as Figure 1 and a Site Map showing the subject property with soil and groundwater sampling locations is included as Figure 2. Tables summarizing the soil and groundwater sampling results and screening levels are attached as Tables 1 and 2 respectively. The full laboratory analytical reports are included as Attachment 2. Boring logs for the borings performed and field screening results during this investigation are included in Attachment 1. All borings were field screened at one (1) foot intervals using a TLV Sniffer® Organic Vapor Analyzer (TLV) unless otherwise noted.

Ten (10) soil samples and five (5) groundwater samples were submitted to Bio-Chem Environmental Analytical Laboratories to be analyzed for Volatile Organic Compounds (VOCs) (EPA Method 8260), Polynuclear Aromatics (PNAs) (EPA Method 8270), Michigan Metals (EPASW6010B), Diesel Range Organics (DRO) (SW8015B), and/or Gasoline Range Organics (GRO)(SW8015B).



Only the soil sample from SB-2.10 showed detectable concentrations of VOCs. Total Xylenes were detected below any applicable RBSLs. Several PNAs were detected in the soil samples from SB-1.6, SB-2.6, and SB-4.4.5, but none exceeded any applicable RBSLs. No MI Metals were detected in any soil sample above any applicable RBSLs.

Only the groundwater sample from MW-1 showed detectable concentrations of VOCs and PNAs. 1,2,4- Trimethylbenzene, 1,3,5- Trimethylbenzene, Benzene, Ethylbenzene, and Total Xylenes were detected at concentrations that exceed applicable RBSLs (Residential Drinking Water RBSLs and/or Residential Groundwater/surfacewater Interface RBSLs). SB-5 and SB-7 showed detectable concentrations for some MI Metals, but only Arsenic, Chromium, and/or Lead were detected at concentrations that exceed applicable RBSLs (Residential Drinking Water RBSLs and/or Residential Groundwater/surfacewater Interface RBSLs).

DRO were detected in the soil samples collected from SB-1.2.5, SB-1.6, SB-2.6, and SB-2.10 and in the water sample from MW-1. GRO were detected in the soil samples collected from SB-1.2.5 and SB-2.10 and in the water sample from MW-1. DRO and GRO are aesthetic criteria and there are no numerical values associated with them. However, analytical results below method detection limits can be used along with other parameters to demonstrate that a site meets unrestricted land use.

Kieser & Associates performed an investigation on July 12 through the 13, 2010. During this investigation Benzene was detected at concentrations that exceed applicable RBSLs in B-9 and B-10. A table summarizing the soil sampling results and screening levels is attached as Tables 1. The full laboratory analytical reports are included as Attachment 2. Boring logs for the borings performed and field screening results during this investigation are included in Attachment 1.

Tables summarizing the soil and groundwater sampling results and criteria are attached as Tables 2 and 3 respectively.

The levels of contaminants identified in this and previous investigations do qualify the subject property to be listed as a facility, as defined by Part 201, Environmental Remediation of the Natural Resources and Environmental Protection Act, 1994 PA 451 as amended (Part 201). Therefore, a BEA has been completed. The data provides sufficient information to support a professional opinion that with respect to the recognized environmental conditions assessed, hazardous substances or petroleum products have been released or disposed of at the property.

**G. THE GENERAL LOCATION(S) OF THE KNOWN CONTAMINATION ON THE PROPERTY INCLUDING THE ENVIRONMENTAL MEDIA AFFECTED**

The location of known contamination including the environmental media affected is included on Figure 3.

**H. THE BASIS FOR THE CONCLUSION THAT THE PROPERTY IS A FACILITY**

The Phase II ESA dated May 8, 2012, included in Attachment 1, indicates the groundwater sample from MW-1 showed detectable concentrations of VOCs and PNAs. 1,2,4- Trimethylbenzene, 1,3,5- Trimethylbenzene, Benzene, Ethylbenzene, and Total Xylenes were detected at concentrations that exceed applicable RBSLs (Residential Drinking Water RBSLs and/or Residential Groundwater/surfacewater Interface RBSLs). SB-5 and SB-7 showed detectable concentrations for some MI Metals, but only Arsenic, Chromium, and/or Lead were detected at concentrations that exceed applicable RBSLs (Residential Drinking Water RBSLs and/or Residential Groundwater/surfacewater Interface RBSLs). Tables summarizing the groundwater sampling results and criteria from that investigation is included as Table 2. The laboratory reports are included as Attachment 2.

Kieser & Associates performed an investigation on July 12 through the 13, 2010. During this investigation Benzene was detected at concentrations that exceed applicable RBSLs in B-9 and B-10. A table summarizing the soil sampling results and screening levels is attached as Tables 1. The full laboratory analytical reports are included as Attachment 2. Boring logs for the borings performed and field screening results during this investigation are included in Attachment 1.

The levels of contaminants identified in this and previous investigations do qualify the subject property to be listed as a facility, as defined by Part 201, Environmental Remediation of the Natural Resources and Environmental Protection Act, 1994 PA 451 as amended (Part 201). Therefore, a BEA has been completed. The data provides sufficient information to support a professional opinion that with respect to the recognized environmental conditions assessed, hazardous substances or petroleum products have been released or disposed of at the property.

**2.0 PROPERTY INFORMATION**

**A. LEGAL DESCRIPTION OF PROPERTY**

The parcel number is: 64-020-274-001-00.

The legal description is:

*All that part of Blocks 73 and 74, of Plat "B" of the STANDARD MAP OF THE VILLAGE (now City) of Hart, according to the Plat thereof as filed in Oceana County Register of Deed Records, lying East of the West line of Block 75 of said Plat if extended Northerly; EXCEPT a strip of land along the entire Southside thereof, being 2.7 feet in width on the East side thereof, and 5.5 feet in width on the West side thereof; AND EXCEPT flowage rights and flowage heretofore conveyed to the City of Hart for the creation of Hart Lake.*

**B. SURVEY MAP(S) ACCURATELY DEPICTING THE PROPERTY BOUNDARIES, PROPERTY TAX ID(S), AND, IF APPLICABLE, PARCEL BOUNDARIES**

A survey map for the property is included as Figure 5. The property boundaries are shown on the Site Location Map (Figure 1), the Site Map With Sampling Locations and Property Boundary (Figure 2), and the 2009 Aerial Photograph (Attachment 4). The Legal Description and Tax ID are listed above.

**C. SCALED SITE MAP(S) WITH STRUCTURES, SAMPLE LOCATIONS AND DEPTHS, AND DETECTED CONTAMINANT CONCENTRATIONS**

Scaled site maps with structures, sample locations and depths, and detected contaminant concentrations for soil and groundwater are included as Figure 3.

**D. SCALED AREA MAP SHOWING PROPERTY IN RELATION TO SURROUNDING AREA (SUCH AS TOPOGRAPHIC OR AERIAL MAPS)**

A Topographic Map is included as Figure 5 and an Aerial Photograph is included as Attachment 4.

**E. PROPERTY LOCATION: STREET/CITY/STATE/ZIP**

26 North State Street  
Hart, Oceana County, Michigan 49420

**F. SPATIAL DATA REQUIRED ON THE FORM: COUNTY, CITY/VILLAGE/TOWNSHIP THAT IS THE GOVERNMENTAL UNIT WITH JURISDICTION; TOWN, RANGE, SECTION, QUARTER AND QUARTER-QUARTER SECTION; LATITUDE AND LONGITUDE COORDINATES INCLUDING THE INFORMATION ON HOW THOSE WERE OBTAINED**

County: Oceana, from Oceana County Website  
City/Village/Township: City of Hart, from Oceana County Website  
Town, Range, Section, Quarter, and Quarter-Quarter: Township: 15N Range: 17W  
Section: 08, from RecCheck  
Latitude and Longitude Coordinates: 43.70336 and -86.363521, from RecCheck

### 3.0 FACILITY STATUS

#### A. TABLE LISTING THE HAZARDOUS SUBSTANCES, CAS NUMBERS, CONCENTRATIONS, SAMPLE LOCATION(S) AND DEPTHS, AND MEDIA AFFECTED, THAT ARE KNOWN TO EXCEED RESIDENTIAL CRITERIA AT THE PROPERTY

To evaluate which contaminants in the soil and groundwater identify the property as a facility, the soil and groundwater data obtained from the EMES Phase II ESA dated May 8, 2012 and previous investigations (Attachment 1) were compared to Part 201 and Part 213 Residential Drinking Water Protection (DWP), Groundwater Surface Water Interface Protection (GSI), and Direct Contact Criteria and RBSLs.

The following tables summarize the substances that are known to exceed residential criteria at the property have been released to the soil and groundwater at the property along with their corresponding CAS numbers. Site Maps showing the location of the samples and detected concentrations are provided as Figures 2 and 3.

### Groundwater

Substance	CAS Number	Residential Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Protection Criteria and RBSLs	Groundwater Contact Criteria and RBSLs	Maximum Groundwater Concentration	Location of Sample; depth of sample bgs.
Benzene	71432	5 µg/L	200 µg/L	11,000 µg/L	18 µg/L	MW-1; 5-15
Ethylbenzene	100414	74 µg/L	18 µg/L	170,000 µg/L	160 µg/L	MW-1; 5-15
Total Xylenes	1330207	280 µg/L	41 µg/L	190,000 µg/L	283.7 µg/L	MW-1; 5-15
1,2,4-Trimethylbenzene	95636	63 µg/L	17 µg/L	56,000 µg/L	280 µg/L	MW-1; 5-15
1,3,5-Trimethylbenzene	108678	72 µg/L	45 µg/L	61,000 µg/L	85 µg/L	MW-1; 5-15

Bgs. – below ground surface

### Soil

Substance	CAS Number	Residential and Commercial I Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Protection Criteria and RBSLs	Direct Contact Criteria and RBSLs	Maximum Soil Concentration	Location of Sample; depth of sample bgs.
Benzene	71432	100 µg/kg	4,000 µg/kg	180,000 µg/kg	360 µg/kg	B-9; 10

Bgs. – below ground surface

**B. LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-CUSTODY DOCUMENTS**

The laboratory analytical data sheets and chain-of custody-documentation are included in Attachment 2.

**4.0 IDENTIFICATION OF THE AUTHOR OF THE BEA**

**A. NAME, QUALIFICATIONS AS AN ENVIRONMENTAL PROFESSIONAL, COMPANY, CONTACT INFORMATION, ETC.**

The name, qualifications, and contact information of the environmental professional who authored this BEA is included as Attachment 4.

**5.0 AAI REPORT OR ASTM PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)**

**A. THE REPORT MUST CONSIDER HAZARDOUS SUBSTANCES AS DEFINED BY SECTION 20101(1)(X)**

The Phase I ESA does consider hazardous substances as defined by section 20101(1)(y).

**6.0 REFERENCES (OTHER THAN THOSE ALREADY INCLUDED IN THE AAI REPORT OR PHASE I ESA)**

Michigan Department of Environmental Quality – Remediation Division: Baseline  
Environmental Assessment Submittal Form EQP 4025 Revised April 2011

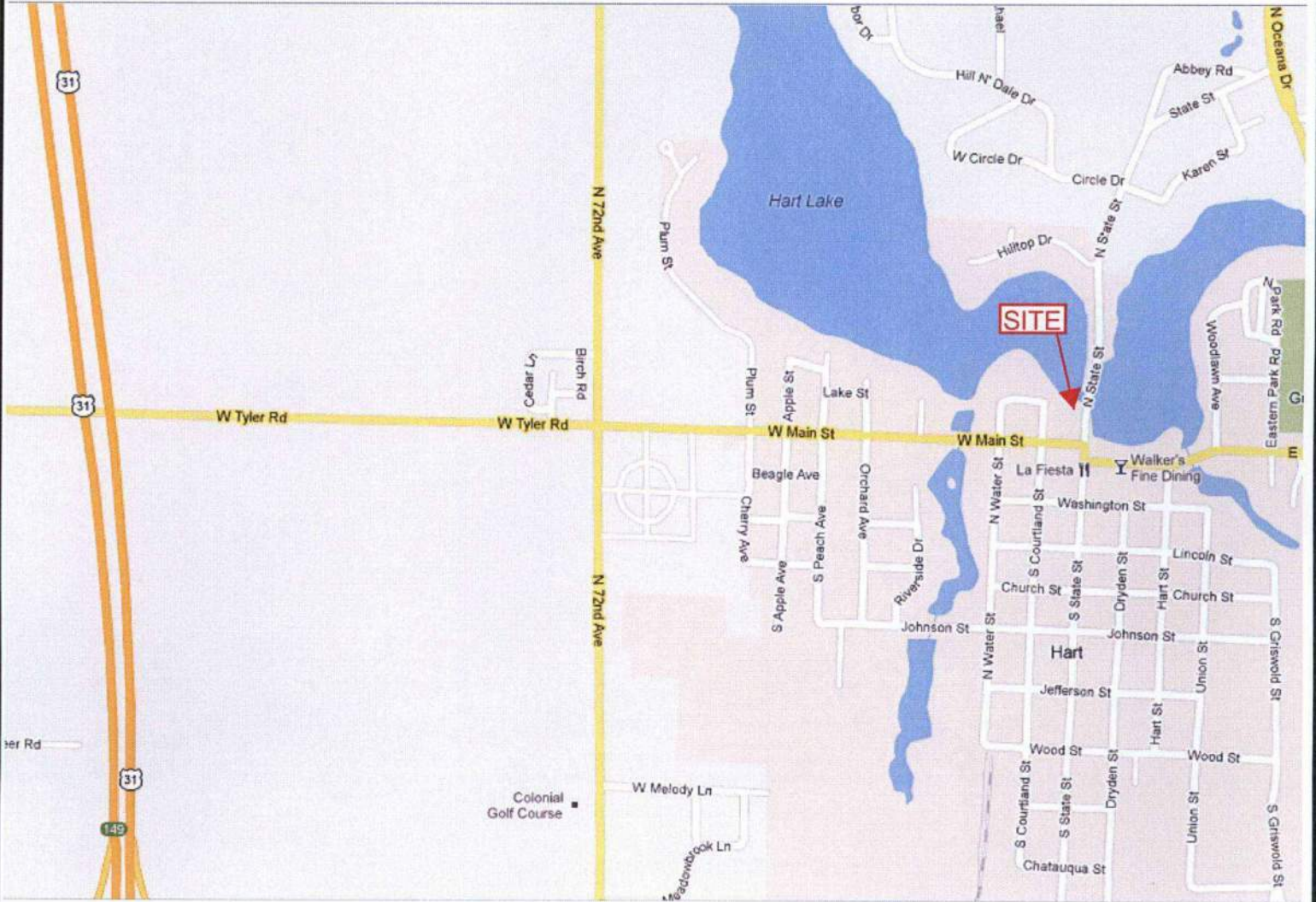
[www.chemicalbook.com](http://www.chemicalbook.com)

# ATTACHMENTS



**FIGURE 1**

**Site Location Map**



**SITE VICINITY MAP - HART SENIORS**  
**26 NORTH STATE STREET**  
**HART, MICHIGAN 49420**

**PROJECT CODE: JH-001**

**DRAWN BY: JT DATE: 8/9/13**



## **FIGURE 2**

### **Site Map with Sample Locations**

# HART LAKE

0 ft. 60 ft.



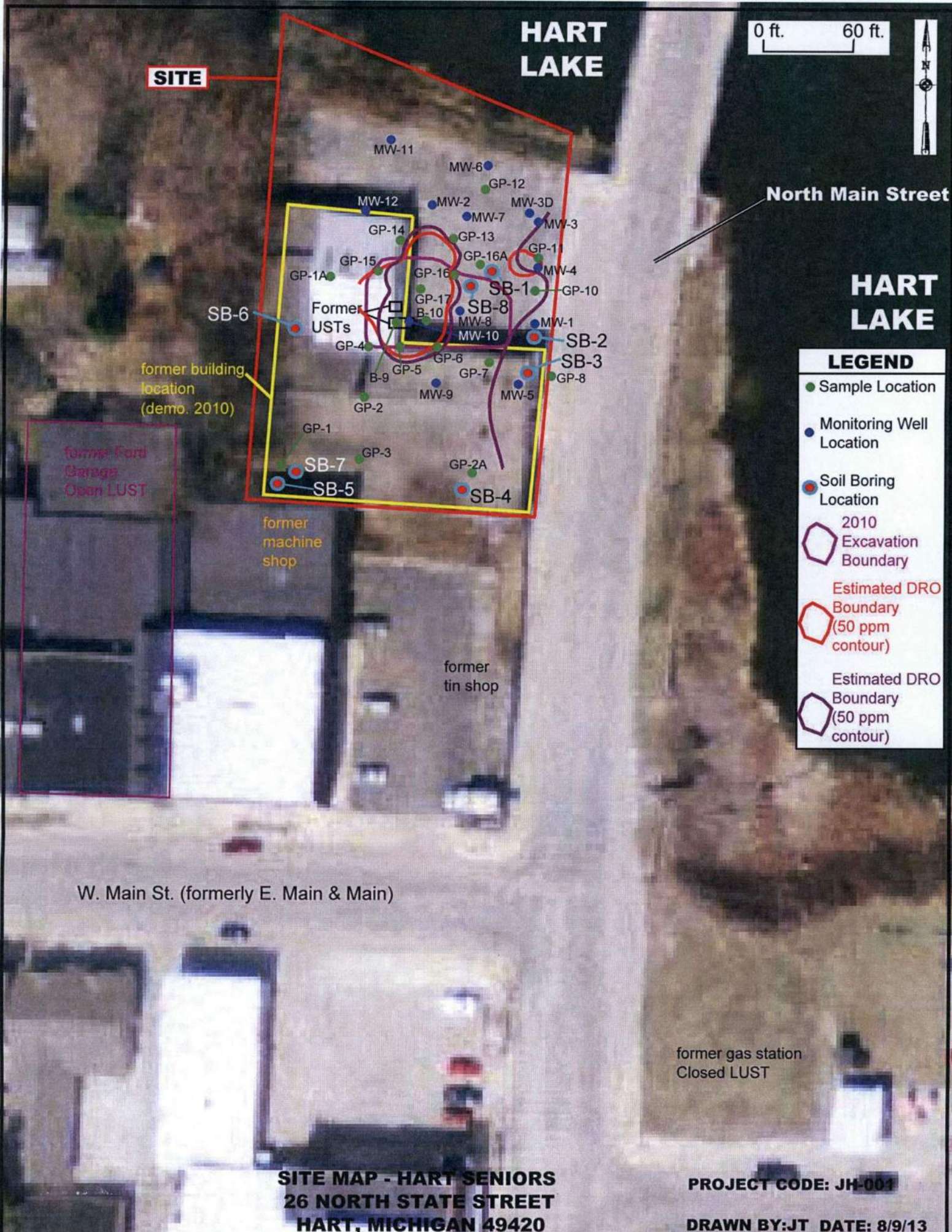
**SITE**

North Main Street

# HART LAKE

## LEGEND

- Sample Location
- Monitoring Well Location
- Soil Boring Location
- 2010 Excavation Boundary
- Estimated DRO Boundary (50 ppm contour)
- Estimated DRO Boundary (50 ppm contour)



former building location (demo. 2010)

former Ford Garage Open LUST

former machine shop

former tin shop

former gas station Closed LUST

W. Main St. (formerly E. Main & Main)

**SITE MAP - HART SENIORS  
26 NORTH STATE STREET  
HART, MICHIGAN 49420**

**PROJECT CODE: JH-001**

**DRAWN BY: JT DATE: 8/9/13**

## **FIGURE 3**

### **Site Map with Detected Concentrations**

# HART LAKE

0 ft. 60 ft.



## SITE

SOIL B-9 (ug/kg)	
Benzene	360

SOIL B-10 (ug/kg)	
Benzene	120

SOIL B-10 (ug/kg)	
Benzene	120

SOIL SB-4.4.5 (ug/kg)	
Benzo(a)anthracene	340
Fluoranthene	980
Phenanthrene	670
Pyrene	790

SOIL SB-2.6 (ug/kg)	
Benzo(a)anthracene	890
Benzo(a)pyrene	750
Benzo(b)fluoranthene	1,300
Benzo(ghi)perylene	740
Benzo(k)fluoranthene	770
Chrysene	920
Dibenzo(a,h)anthracene	330
Fluoranthene	1,900
Indeno(1,2,3-cd)pyrene	840
Phenanthrene	570
Pyrene	1,600

SOIL SB-2.10 (ug/kg)	
Total Xylenes	320

GW MW-1 (ug/L)	
1,2,4-TMB	280
1,3,5-TMB	85
Benzene	18
Ethylbenzene	160
Toluene	3.3
Total Xylenes	283.7
Naphthalene	110

SOIL SB-1.6 (ug/kg)	
Benzo(a)pyrene	350
Benzo(b)fluoranthene	390
Benzo(ghi)perylene	410
Benzo(k)fluoranthene	380
Chrysene	370
Fluoranthene	580
Pyrene	810

### LEGEND

- Sample Location
- Monitoring Well Location
- Soil Boring Location
- 2010 Excavation Boundary
- Estimated DRO Boundary (50 ppm contour)
- Estimated DRO Boundary (50 ppm contour)

North Main Street

# HART LAKE

former building location (demo. 2010)

former Ford Garage Open LUST

former machine shop

former tin shop

former gas station Closed LUST

W. Main St. (formerly E. Main & Main)

**SITE MAP W/ DETECTABLE CONCENTRATIONS**  
**26 NORTH STATE STREET**  
**HART, MICHIGAN 49420**

PROJECT CODE: JH-001

DRAWN BY: JT DATE: 8/9/13

**RECEIVED**  
MAR 10 2010  
GRAND RAPIDS DISTRICT  
BRD-MDEQ

**DISCLOSURE OF A  
BASELINE ENVIRONMENTAL ASSESSMENT  
Conducted Pursuant to Section 20126(1)(c)  
of 1994 PA 451, Part 201, as amended,  
and the Rules Promulgated thereunder,**

**FOR 24 AND 26 NORTH STATE STREET, HART, MICHIGAN**  
(Tax Identification Number 64-20-274-001-00)

*Prepared for:*

**Michigan Land Bank Fast Track Authority  
3028 West Grand Blvd, Suite 4-600  
Detroit, MI 48208**

FILE NAME BEA  
TITLE RIW  
DOCUMENT 2009002676GR

*Submitted to:*

**Michigan Department of Natural Resources and Environment  
Remediation and Redevelopment Division  
Grand Rapids District Office  
350 Ottawa Avenue NW, Unit 10  
Grand Rapids, MI, 49503**

*Prepared by:*

**Kieser & Associates, LLC  
Environmental Science & Engineering  
536 E. Michigan Ave., Suite 300  
Kalamazoo, MI 49007**

Date Conducted: September 4, 2009  
Date Completed: September 10, 2009

## TABLE OF CONTENTS

### Section:

#### A. Form EQP 4446

#### B. Baseline Environmental Site Assessment

Appendix A MDEQ BEA and 7a Compliance Analysis Affirmation Letter (5-6-08)

Appendix B Phase I Environmental Site Assessment (10-10-09)

Appendix C Limited Phase II Environmental Site Assessment (5-1-06)

Appendix D K&A Technical Memorandum (11-2-07)

Appendix E K&A Draft Technical Memorandum (10-18-08)

Appendix F BDN Industrial Hygiene Consultants, Inc. Abatement Plan (1-8-08)

Appendix G K&A Qualifications of Environmental Professional

Section A. Form 4446







FOR DEQ USE ONLY  
BEA Disclosure # B201002676GR

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT  
(FORM EQP4446 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. Please answer the following questions as completely as possible.

Name and address of submitter\*  
(individual or legal entity):  
Michigan Land Bank Fast Track  
Authority  
Cadillac Place  
3028 W. Grand Blvd., Ste. 4-600  
Detroit, MI 48202

Status relative to the property:  
Former Current Prospective  
Owner\*     
Operator\*

Address/location of property where  
BEA was conducted:  
24-26 North State Street  
Hart, MI 49420  
County: Oceana

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.  
64-20-274-001-00

Contact person: Carrie Lewand-Monroe Telephone #: (517) 636-5149

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Check the appropriate response to each of the following questions.

1. Is it known that the source of contamination at the property is primarily from any of the following?
- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
|   | YES                                 | NO                       |
| • A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • A licensed landfill or solid waste management facility.                                     | <input type="checkbox"/>            | <input type="checkbox"/> |
| • A licensed hazardous waste treatment, storage, or disposal facility.                        | <input type="checkbox"/>            | <input type="checkbox"/> |
| • Oil and gas development related activities.   | <input type="checkbox"/>            | <input type="checkbox"/> |

The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:
- |            |                                     |
|------------|-------------------------------------|
| Category N | <input checked="" type="checkbox"/> |
| Category D | <input type="checkbox"/>            |
| Category S | <input type="checkbox"/>            |

3. Is the property at which the BEA was conducted a "facility" as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.
- |                                     |                          |
|-------------------------------------|--------------------------|
| YES                                 | NO                       |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

RECEIVED  
MAR 10 2010  
RRD-MDEQ  
GRAND RAPIDS DISTRICT

4. Was the BEA conducted\* prior to or within 45 days after the date of purchase\*, occupancy, or foreclosure of the property, whichever is earliest, and completed\* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)? If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES NO
5. Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure? All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES NO
6. Are any USTs or abandoned or discarded containers identified in the BEA? If yes, this information must be provided on Form EQP4476. YES NO
7. Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)? If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES NO

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

Signature of Submitter: Carrie Lewand-Monroe  
(Person legally authorized to bind the person seeking liability protection)

3/8/10  
Date

Name (Typed or Printed) Carrie Lewand-Monroe  
Title Executive Director

**Section B. Baseline Environmental Assessment**

BIA

**BASELINE ENVIRONMENTAL ASSESSMENT**  
**Conducted Pursuant to Section 20126(1)(c)**  
**of 1994 PA 451, Part 201, as amended,**  
**and the Rules Promulgated thereunder,**

**FOR 24 AND 26 NORTH STATE STREET, HART, MICHIGAN**  
**(Tax Identification Number 64-20-274-001-00)**

*Prepared for:*

**Michigan Land Bank Fast Track Authority**  
**3028 West Grand Blvd, Suite 4-600**  
**Detroit, MI 48208**

*Prepared by:*

**Kieser & Associates, LLC**  
**Environmental Science & Engineering**  
**536 E. Michigan Ave., Suite 300**  
**Kalamazoo, MI 49007**

Date Conducted: September 4, 2009  
Date Completed: September 10, 2009

**BASELINE ENVIRONMENTAL ASSESSMENT FOR  
24 AND 26 NORTH STATE STREET, HART, MICHIGAN**

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**Appendix A** MDEQ BEA and 7a Compliance Analysis Affirmation Letter, May 6, 2008

**Appendix B** K&A Phase I Environmental Site Assessment, September 10, 2009 (including:)  
Attachment A – Site Vicinity Maps and Building Maps  
Attachment B – Contractual Agreement between EP and User  
Attachment C – Site Photographs  
Attachment D – Historical Review Documents  
Attachment E – EDR, Inc. Radius Report  
Attachment F – Interview Documentation  
Attachment G – Prein & Newhof Phase I ESA

**Appendix C** K&A Limited Phase II Environmental Site Assessment, May 1, 2006 (including:)  
Attachment A – Copy of February 10, 2006 Scope of Services Letter  
Attachment B – Copy of Phase II ESA Work Plan dated March 27, 2006  
Attachment C – Copy of Bio-Chem Analytical Laboratory Report  
Attachment D – Geoprobe Soil Boring Documentation  
Attachment E – Preliminary Remedial Options

**Appendix D** K&A Technical Memorandum, November 2, 2007 (including:)  
Attachment A – October 9, 2007 Soil Boring Logs  
Attachment B – Copy of Bio-Chem Analytical Laboratory Report

**Appendix E** K&A Technical Memorandum, September 18, 2008  
Attachment A – Copy of Bio-Chem Analytical Laboratory Reports  
Attachment A – K&A 2008 Soil Boring Logs

**Appendix F** BDN Industrial Hygiene Consultants, Inc. Abatement Plan, January 8, 2008

**Appendix G** K&A Qualifications of Environmental Professional

## **IDENTIFICATION OF AUTHORS AND DATE BEA WAS CONDUCTED AND DATE BEA WAS COMPLETED**

This Baseline Environmental Assessment (BEA) was conducted on September 4, 2009 and completed on September 10, 2009 by KIESER & ASSOCIATES, LLC (K&A). Mark S. Kieser is the author of this BEA. The most recent Phase I Environmental Site Assessment (ESA) for the subject property was completed on September 10, 2009, with the original K&A Phase I dated April 13, 2007. This Category N BEA relies upon information from the updated September 10, 2009 Phase I ESA and May 1, 2006 Phase II ESA. A November 2, 2007 Technical Memorandum was prepared in relation to Phase II supplemental soil and groundwater sampling conducted in October 2007, and is referenced in this BEA, along with sampling data collected by K&A on September 2-5, 2008. Soil and groundwater monitoring data used to define the subject property as a facility are available from October 9, 2007 and earlier.

### **1.0 INTRODUCTION**

This BEA has been prepared by K&A for the Michigan Land Bank Fast Track Authority, the prospective purchaser and BEA petitioner of the project site. The 0.6-acre project site (a.k.a., subject property) is located at 24 and 26 North State Street, Hart, Michigan 49420. The subject property contains a 12,519 square foot office building with an attached warehouse. The building is surrounded by an 8,430 square foot asphalt parking lot to the north and east. Directly east is a city sidewalk and North State Street. The western and southern sides of the building are bordered by steep vegetated slopes.

The subject property is designated a "facility" under Part 213 of the Natural Resources and Environmental Protection Act, 1994, P.A. 451, as amended. It is registered as an open LUST site with the Michigan Department of Environmental Quality (MDEQ) Remediation and Redevelopment Division due to a reported release in 1992 from the two underground storage tanks (USTs) on the property that were subsequently closed-in-place. Reports submitted to MDEQ indicate that soil and groundwater contaminants exceeding Part 213 Tier 1 Residential Risk-Based Screening Levels (RBSLs) are found north and east of the two closed UST structures.

This BEA is submitted for Disclosure under the MDEQ Technical Standards for a Category N BEA since no future use of hazardous substances in significant quantities is intended for the subject property. The Michigan Land Bank Fast Track Authority is submitting this Category N BEA for Disclosure due to the presence of volatile organic compounds (VOCs) in subsurface soils that exceed the Part 213 Tier 1 Risk-Based Screening Levels (RBSLs) for drinking water protection criteria (DWPC), groundwater-surface water interface (GSI), volatilization to indoor air, direct contact criteria (DCC), and VOCs in shallow groundwater that exceed RBSLs for DWPC and GSI criteria at the subject property. Future land use by the Michigan Land Bank Fast Track Authority will be vacant property after the

contamination at the site is remediated and existing building is demolished under an existing MDEQ Brownfield Redevelopment Grant issued to the City of Hart, Michigan.

## 2.0 PROPERTY DESCRIPTION & INTENDED HAZARDOUS SUBSTANCE USE

### 3.1 Property Description

The K&A Updated Phase I ESA contains a legal description of the subject property at 24 and 26 N. State Street (tax identification number 64-20-274-001-00). The current subject property owner, Mr. Gayle Forner, has owned the property since 1997. The specific legal description of the subject property is as follows:

*All that part of Blocks 73 and 74, of Plat "B" of the STANDARD MAP OF THE VILLAGE (now City) of Hart, according to the Plat thereof as filed in Oceana County Register of Deed Records, lying East of the West line of Block 75 of said Plat if extended Northerly; EXCEPT a strip of land along the entire South side thereof, being 2.7 feet in width on the East side thereof, and 5.5 feet in width on the West side thereof; AND EXCEPT flowage rights and flowage heretofore conveyed to the City of Hart for the creation of Hart Lake.*

The project site is located in the southeast quarter of Section 8, T15N, R17W of Oceana County, Michigan on Hart Lake. The project site consists of 0.6 acres located at 24 and 26 North State Street. The parcel is approximately square in shape. It contains a 12,519 square foot office building with an attached warehouse. The building is surrounded by an 8,430 square foot asphalt parking lot on its north and east sides.

The office portion of the building is divided into two separate spaces with an attached warehouse on the west side of the building. During a site visit conducted by K&A on April 13, 2007 the office section of the building had two tenants. The southern-most space was used as a general medical practice by Dr. Norma Gilbert. The northern-most space was used by Progressions Work Center as an adult day care facility. The warehouse appeared to be used as a small cabinet-making workshop. Other spaces in the warehouse were used for dry storage. Site photographs were taken at the subject property and are described in Appendix A, Attachment C. These photographs provide physical evidence of the closed-in-place UST structures located at the subject property.

Additional site visits were performed by K&A on October 9, 2007 and December 6, 2007 in connection with efforts of a MDEQ Site Reclamation Grant. As of the December 6, 2007 visit, Dr. Gilbert and Progressions Work Center had vacated the subject property. Conditions within the remaining sections of the warehouse remained the same. During the most recent site visit conducted on September 4, 2009, no tenants occupied the office spaces, no cabinet-making materials were present, and the warehouse space appeared to be used for dry storage only.



Several tenants have occupied the subject property from 1997-2007, mostly for commercial and office purposes (refer to Appendix A, Attachment D). Prior to 1997, the Ludington Professional Group owned the property from 1986 to 1997. Oceana Electric Cooperative owned the property prior to 1986. Deeds were available at the Oceana County Register of Deeds Office back to 1950. A search of these records found no deeds for the property prior to 1986, suggesting that Oceana Electric Cooperative owned the property before 1950 through 1986. Sanborn Maps list the property as being occupied by Bennett Lumber & Manufacturing and Planing Company from 1900-1930. Earlier Sanborn Maps list the property as occupied by Riddell & Bennett Planing Mill in 1894.

Under the ownership of Oceana Electric Cooperative, two USTs were used to store petroleum products on the subject property (approximately 1,000-gallon diesel UST and one 1,200-gallon gasoline UST). A release from the two USTs was reported to MDEQ in 1992 (West Michigan Testing, 1993). A report by West Michigan Testing, Inc. reported that the USTs were closed-in-place in 1992 by filling them with sand and capping the top with concrete (Appendix A, Attachment G). Photographs 15 and 16 in the K&A Updated Phase I (Appendix A, Attachment C) show the location of the closed-in-place USTs. Photographs were taken by Brian Boyer of K&A on April 13, 2007. The USTs are located in the northeastern portion of the warehouse space, and at the time the picture was taken, a registration certificate was posted on a nearby wall. The certificate was issued from the State of Michigan Fire Marshall Division and stated two USTs were located at this site and were permanently out of use.

During the site reconnaissance conducted by K&A on September 4, 2009, no above ground storage tanks (ASTs) or abandoned/discarded barrels, containers, or receptacles containing hazardous materials in significant quantities were identified. There were no USTs in use at that time. Four 55-gallon containers were stored at the subject property in conjunction with the MDEQ Brownfield Redevelopment Grant administered by the City of Hart. Waste associated with the soil and groundwater sampling conducted at the site has been properly containerized by K&A and stored in the building on a temporary basis until final disposal under the MDEQ Brownfield Redevelopment Grant.

A Category N BEA was submitted to MDEQ by Prein & Newhof, on behalf of Mr. Forner, on June 27, 2003. Ms. Brenda Mecher of the MDEQ Remediation and Redevelopment Division reported that the BEA Disclosure number for this report was B200301233GR (Mecher, Personal communication, 2007). Since this time, a Category N BEA for Determination with 7a Compliance Analysis was affirmed by the DEQ on May 6, 2008 under Petition #P200802275GR for Lake Pointe LDHALP and is included as Appendix A.

### *3.2 Intended Hazardous Substance Use*

No hazardous substances in significant quantities will be used in the future on the subject property by the Michigan Land Bank Fast Track Authority. Demolition of the existing structure and

selected cleanup of contaminated soils and groundwater have been proposed by the Michigan Land Bank Fast Track Authority through the City of Hart Brownfield Redevelopment Grant issued by MDEQ. After such cleanup, the property will be left vacant by the Authority. Therefore, this Request for Determination is for a Category N BEA.

### 3.0 KNOWN CONTAMINATION

A release from the approximately 1,000-gallon diesel and 1,200-gallon gasoline USTs was reported in 1992. At that time, West Michigan Testing, Inc. oversaw the in-place closure of the two USTs located at the subject property. A West Michigan Testing, Inc. report indicated that the two USTs were filled with sand and closed-in-place with concrete covering the top of the site (Appendix A, Attachment G).

Recent hydrogeologic investigations have taken place at the subject property through Limited Phase II sampling performed by K&A in April 2006 and additional soil and groundwater sampling conducted in October 2007 and September 2008. Table 1 summarizes April 11, 2006 analytical groundwater and soil data that exceed Part 213 Tier 1 Residential RBSLs. Exceedances in Table 1 indicate that groundwater monitoring wells MW-1, SB-K1, SB-K2 and SB-K4 exhibited groundwater concentrations of VOCs above the Part 213 Tier 1 Residential RBSLs for DWPC, GIS, volatilization to indoor air, and DCC. Refer to Figure 1 for sampling locations. Detailed analytical results for April 2006 are included in Appendix C.

Table 2 shows Part 213 Tier 1 Residential RBSLs exceedances for soil and groundwater samples collected October 9, 2007. Refer to Figure 2 for sampling locations. Of the locations sampled for groundwater and soil contamination, only MW-1 exhibited drinking water exceedances of VOCs (naphthalene, benzene and n-propylbenzene). Naphthalene concentrations in MW-1 also exceeded Part 213 Tier 1 Residential GSI. Exceedances of iron and manganese for aesthetic drinking water criteria were observed in groundwater near the eastern property line (in boring SB-K5 and groundwater monitoring wells MW-1 and MW-3). Detailed analytical results for October 2007 are included in Appendix D.

Table 3 shows Part 213 Tier 1 Residential RBSLs exceedances for soil and groundwater samples collected September 2-5, 2008. These additional soil and groundwater samples were taken to further confirm the existing conditions at the site and determine/confirm cleanup needs at the site. Refer to Figures 2-3 for sampling locations and extent of contamination under the MDEQ Brownfield Redevelopment Grant. Detailed analytical results for September 2008 are included in Appendix E.

The exceedances of Part 213 Tier 1 Residential RBSLs first observed in the April 2006 Phase II report serve as the basis for concluding that the subject property is presently a "facility" under Part 213 of the Natural Resources and Environmental Protection Act, 1994, P.A. 451, as amended. For this reason, K&A has completed this Category N BEA on behalf of the Michigan Land Bank Fast Track Authority for

the subject property. Figures 1-3 in this report identifies the general locations of known contaminants on the subject property in association with the LUST.

#### **4.0 LIKELIHOOD OF OTHER CONTAMINATION**

An investigation of previous uses of the facility was performed by K&A using the ASTM #E1527 method. Previous uses of the property since 1894 are described in Section 5 of the appended K&A Phase I ESA (Appendix B). Conclusions from the Phase I ESA state that environmental concerns at the subject property included the open LUST site, "facility" status under Part 213, and an unidentified substance in a warehouse floor drain (see Appendix A, Attachment C, Photograph 13). Intensive soil and groundwater sampling has confirmed contamination near the site of the LUST. In addition, due to unknown floor drain connections, contamination from the green liquid found in the floor drain may be possible.

#### **5.0 ALTERNATIVE APPROACHES**

No alternative approaches are recommended for implementation at the subject property. Remedial activities planned at the subject property are being pursued through a MDEQ Brownfield Redevelopment Grant through the City of Hart. Additional remediation information is included as Appendix F for building asbestos abatement plans.

#### **6.0 CONCLUSIONS**

The proposed use of the subject property at 24 and 26 N. State Street in Hart, Michigan is vacant, open space, which the Michigan Land Bank Fast Track Authority stipulates will not include any significant storage or use of hazardous substances in significant quantities at the subject property. The intended use of the subject property will not exacerbate known or suspected contamination and the lack of hazardous substance use or storage at the site is the basis for being able to distinguish the existing contamination from a new release.

#### **7.0 REFERENCES**

Mecher, Brenda. Michigan Department of Environmental Quality, Remediation and Redevelopment Division. Personal communication, August 16, 2007 and September 8, 2009.

Prein & Newhof, Phase I Environmental Site Assessment, 26 North State Street, Hart, MI, Prepared for Hollander Development Corporation, October 13, 2005.

West Michigan Testing, Inc., Phase II Hydrogeological Investigation Summary Report, 26 N. State Street, Hart, MI, prepared for Merskin and Merskin, December 17, 1993.

#### **8.0 APPENDICES**

Appendix A MDEQ BEA/7a Compliance Analysis Affirmation Letter

Baseline Environmental Assessment for Disclosure, September 10, 2009  
24-26 N. State Street, Hart, Michigan  
Michigan Land Bank Fast Track Authority

KIESER & ASSOCIATES, LLC

- Appendix B      K&A Updated Phase I Environmental Site Assessment, September 10, 2009
- Appendix C      K&A Limited Phase II Environmental Site Assessment, May 1, 2006
- Appendix D      K&A Technical Memorandum, November 2, 2007
- Appendix E      K&A Technical Memorandum, September 18, 2008
- Appendix F      BDN Industrial Hygiene Consultants, Inc. Abatement Plan, January 8, 2008
- Appendix G      K&A Qualifications of Environmental Professional

**9.0 BEA AUTHOR AND DATE OF COMPLETION**

*Mark S. Kieser*

Mark S. Kieser  
Senior Scientist  
KIESER & ASSOCIATES, LLC

9-10-2009

Date

Table 1. Summary of Detected Soil and Groundwater Concentrations in Exceedence of Part 213 Tier 1 RBSLs from April 11, 2006 Sampling Conducted at 24-26 N. State Street, Hart, Michigan.

Sample ID	Date	Constituent	CAS	Units	Detected Concentration	Part 213 Tier 1 RBSL			
						Res/Comm 1 Drinking Water	Ground/Surface Water Interface	Volatilization to Indoor Air	Direct Contact
SB-K1 @ 8' bgl [soil]	4/11/06	1,2,4-Trimethylbenzene	95636	µg/Kg-dry	160,000	2,100	110,000	110,000	110,000
		1,3,5-Trimethylbenzene	108678		46,000	1,800			
		Benzene	71432		2,800	100		1,600	
		Ethylbenzene	100414		89,000	1,500		87,000	
		Xylenes	133020		383,000	5,600	150,000	150,000	150,000
		n-Butylbenzene	104518		6,500	1,600			
		n-Propylbenzene	103651		30,000	1,600			
		sec-Butylbenzene	135988		2,900	1,600			
Toluene	108883	110,000	16,000						
SB-K1 @ 12.5' bgl [soil]	4/11/06	Benzene	71432	µg/Kg-dry	470	100			
MW-1 [aqueous]	4/11/06	Ethylbenzene	100414	µg/L	25		18		
		Xylenes	133020		36.6		35		
		n-Propylbenzene	103651		160	80			
MW-1 Dup [aqueous]	4/11/06	Ethylbenzene	100414	µg/L	23		18		
		Xylenes	133020		35.6		35		
		n-Propylbenzene	103651		198	80			
SB-K2 @ 7-12' bgl [aqueous]	4/11/06	Benzo[a]anthracene	56553	µg/L	26	2.1			
		Chrysene	218019		14	1.6			
		Fluoranthene	206440		45		1.6		
		Fluorene	86737		36		12		
		Naphthalene	91203		390		13		
		Phenanthrene	85018		77	52	2.4		
		1,2,4-Trimethylbenzene	95636		1,400	63	17		
		1,3,5-Trimethylbenzene	108678		370	72	45		
		Benzene	71432		3,400	5	200		
		Ethylbenzene	100414		1,400	74	18		
		Xylenes	133020		6,700	280	35		
		n-Propylbenzene	103651		220	80			
		Toluene	108883		730		140		
SB-K4 @ 7-12' bgl [aqueous]	4/11/06	Benzo[a]anthracene	56553	µg/L	11	2.1			
		Chrysene	218019		5.7	1.6			
		Fluoranthene	206440		15		1.6		
		Fluorene	86737		13		12		
		Naphthalene	91203		130		13		
		Phenanthrene	85018		27		2.4		
		1,2,4-Trimethylbenzene	95636		800	63	17		
		1,3,5-Trimethylbenzene	108678		220	72	45		
		Ethylbenzene	100414		260	74	18		
		Xylenes	133020		1,740	280	35		
		n-Propylbenzene	103651		95	80			
		Acenaphthylene	208968		70	52			
		Benzo[a]anthracene	56553		7.9	2.1			
Benzo[k]fluoranthene	207989	1.6	1.0-0.8						
SB-K1 @ 7-9' bgl [aqueous]	4/11/06	Chrysene	218019	µg/L	2.8	1.6			
		Fluoranthene	206440		14		1.6		
		Naphthalene	91203		550	520			
		Phenanthrene	85018		20		2.4		
		1,2,4-Trimethylbenzene	95636		2,000	63	17		
		1,3,5-Trimethylbenzene	108678		500	72	45		
		Benzene	71432		2,000	5	200		
		Ethylbenzene	100414		2,200	74	18		
		Xylenes	133020		11,400	280	35		
		n-Propylbenzene	103651		240	80			
		Toluene	108883		12,000	790	140		

Shaded values exceed relevant Part 213 Tier 1 RBSLs shown in the last four columns for concentrations measured in soil and groundwater samples

Table 2. Summary of Detected Soil and Groundwater Concentrations in Exceedence of Part 213 Tier 1 RBSLs from October 9, 2007 Sampling Conducted at 24-26 N. State Street, Hart, Michigan.

Sample ID	Date	Analyte	CAS	Units	Detected Concentration	Part 213 Tier 1 RBSLs				
						Res/Comm 1 Drinking Water	Ground/Surface Water Interface	Volatilization to Indoor Air	Direct Contact	Soil Saturation Conc.
SB-K5 @ 10'-14' bgl [aquous]	10/9/2007	Iron (B)	7439896	µg/Kg-dry	3,200	300 (E)				
		Manganese (B)	7439965		420	50 (E)				
SB-K6 @ 6.5'-8' bgl [soil]	10/9/2007	Diesel Range Organics		µg/Kg-dry	720,000				5.00E+04	
		Gasoline Range Organics			470,000				5.00E+04	
		Chromium	7440-47-3		4,700		3,300			
		Selenium (B)	7787492		950		400			
		1,2,4-Trimethylbenzene (I)	95636		1,200		570			
		n-Butylbenzene	104518		1,800		1,600			
		n-Propylbenzene (I)	103651		1,700		1,600			
SB-K6 @ 12.5'-13.5' [soil]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	13,000		3,300			
SB-K7 @ 7-8.5' bgl [soil]	10/9/2007	Diesel Range Organics		µg/Kg-dry	91,000				5.00E+04	
		Gasoline Range Organics			440,000				5.00E+04	
		Chromium	7440-47-3		9,100		3,300			
		Naphthalene	91203		1,100		870			
		1,2,4-Trimethylbenzene (I)	95636		28,000		2,100		570	
		1,3,5-Trimethylbenzene (I)	108678		8,000		1,800		1,100	
		Ethylbenzene (I)	109414		11,000		1,900		360	
		Xylenes (I)	1330297		54,000		5,600		700	
		n-Butylbenzene	104518		2,600		1,600			
		n-Propylbenzene	103651		4,700		1,600			
Toluene (I)	108883	3,100			2,800					
SB-K7 @ 11'-12' bgl [soil]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	10,000		3,300			
		Benzene (I)	71432		180		100			
SB-K8 @ 8'-9' bgl [soil]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	4,700		3,300			
		1,2,4-Trimethylbenzene (I)	95636		650		570			
SB-K8 @ 12.5'-13.5' bgl [soil]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	13,000		3,300			
		Benzene (I)	71432		450		100			
SB-K9 @ 7'-8.5' bgl [soil]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	9,400		3,300			
SB-K9 @ 13'-14" bgl [soil]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	12,000		3,300			
MW-3 [aqueous]	10/9/2007	Iron (B)	7439896	µg/L	360	300 (E)				
		Manganese (B)	7439965		280	50 (E)				
MW-1 [aqueous]	10/9/2007	Naphthalene	91203	µg/l	130		13			
		Iron (B)	7439896		12,000		300 (E)			
		Manganese (B)	7439965		1,600		50 (E)			
		Benzene (I)	71432		9		5.0 (A)			
		n-Propylbenzene (I)	103651		140		80			

**Notes:**

- Ⓜ All standard values exceed Part 213 Tier 1 Risk Based Screening Levels (RBSLs) for concentrations measured in soil or groundwater (as appropriate).
- All values state represent total concentrations, unless indicated otherwise.
- ID = Insufficient data to develop criteria
- NA = Not Applicable
- NEL = Not Likely to leach
- NELV = Not Likely to volatilize

- 1A) Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 1605.
- 1B) Background, as defined in R 299.5704 (1), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
- 1C) Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C<sub>so</sub>) since the calculated risk-based criterion is greater than C<sub>so</sub>. Concentrations greater than C<sub>so</sub> are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase material containing a hazardous substance is not present.
- 1D) Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent of 1.0E+9 parts per billion (ppb).
- 1E) Criterion is the aesthetic drinking water value, as required by Section 2012(b)(5) of the National Resource and Environmental Protection Act, 1984 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in the following table.

Hazardous Substance	Chemical Abstract Service Number	Residential Health-Based Drinking Water Value	Industrial-Commercial Health Based Drinking Water Value
Aluminum	7429905	300	4,700
Tertiary Amyl methyl ether	994058	910	2,600
Copper	7440508	1,400	4,000
Diethyl ether	60297	3,700	10,000
Ethylbenzene	100814	700	700
Iron	7439896	2,900	5,600
Manganese	7439965	800	2,500
Methyl-tert-butyl ether (MTBE)	16334044	240	690
Toluene	108883	1,000	1,800
1,2,4-Trinitrofluorobenzene	95636	1,000	2,900
1,3,5-Trinitrofluorobenzene	108678	1,000	2,900
Xylenes	1336207	1,000	10,000

- 1G) Groundwater surface water interface (GSI) criteria depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO<sub>3</sub>/L, use 400 mg CaCO<sub>3</sub>/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

Hazardous Substance	FCV Formula ug/L	FCV Conversion Factor (CF)	HNDV ug/L
Acetone	EXP(0.2712*(pH) + 7.0362)	NA	1,30E+06
Benzene (C <sub>6</sub> H <sub>6</sub> )	EXP(1.0629*(pH) + 1.1869)	NA	1.60E+05
Chromium	EXP(0.5299*(LnH) + 10.7683)	NA	1,200
Cobaltium (C <sub>2</sub> )	(EXP(0.7832*(LnH) + 2.7153)*CF)	1.101672 * (LnH) * (0.041838)	130
Chromium (VI)	(EXP(0.8197*(LnH) + 0.6848)*CF)	0.96	9,400
Copper	(EXP(0.8545*(LnH) + 1.7021)*CF)	0.96	64,000
Cadmium	(EXP(1.2754*(LnH) + 1.7940)*CF)	1.46201 * (LnH) * (0.14571)	190
Manganese	(EXP(0.8784*(LnH) + 2.5199)*CF)	NA	59,000
Nickel	(EXP(0.8445*(LnH) + 0.5564)*CF)	0.997	1,10E+05
Hexachlorobenzene	EXP(1.045*(pH) + 3.114)	NA	2.8
Zinc	(EXP(0.8473*(LnH) + 0.884)*CF)	0.966	22,000

where:  
 EXP(x) = The base of the natural logarithm raised to power x (e<sup>x</sup>)  
 LnH = The natural logarithm of water hardness in mg CaCO<sub>3</sub>/L.  
 \* = The multiplication symbol.  
 ⊗ = The GSI criteria developed here may not be protective for surface water that is used as a drinking water source. Refer to footnote (X) for further guidance.

- 1H) Value-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding value-specific cleanup criteria. If both Cr III and Cr VI are present in groundwater, the total concentration of both cannot exceed the drinking water value of 100 ug/L. If analytical data are provided for total chromium only, they shall be compared to the cleanup criteria for Cr VI. Cr III soil cleanup criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future, through an approved land use restriction.

14) Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of \$45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-844-401/55-1), or from DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48913, at cost.

15) Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benz(a)pyrene.

16) Criterion defaults to the hazardous substance-specific water solubility limit.

1X) The GSI criterion shown in the generic cleanup tables is not protective for surface water that is used as a drinking water source. For a groundwater discharge to the Great Lakes and the Connecting waters or discharge in close proximity to a water supply intake in inland surface waters, the generic GSI criterion shall be the surface water human drinking water value (HDV) listed in this footnote, except for those HDV indicated with an asterisk. For HDV with an asterisk, the calculated FCV. See formulas in footnote (G). Soil protection criteria based on the HDV shall be used in the table in this footnote, except for those values with an asterisk. Soil GSI protection criteria for compounds with an asterisk shall be the greater of 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

Hazardous Substance	Chemical Abstract Service Number	Surface Water Human Drinking Water Value (HDV) (µg/L)	Soil GSI Protection Criteria for HDV
Acetonitrile	107131	2.0 (M); 0.3*	100 (M); 17
Alachlor	15922688	3.5	91
Amblyopy	7440386	2	1.40*
Arsenic	7440382	50	23,000
Atrazine	1912249	3.3	86
Barium	7440393	1,900*	*
Benzene	71432	12	240
Bis(2-Chloroethyl)ether	111444	1 (M); 0.79	100 (M); 20
Bromine	15561454	10 (M); 0.3	200 (M); 10
Buryl benzyl phosphide	85687	6.9	13,000
Cadmium	7440376	2.5*	*
Carbon tetrachloride	56235	5.0	110
Chloride	7887806	50,000	1,000,000
Chloroform	67663	77	1,500
Chromium (III)	18605531	120*	*
Cyanazine	21725462	2 (M); 0.93	20 (M); 41
1,3-Dichlorobenzene	91943	0.5 (M); 0.14	2,000 (M); 73
1,2-Dichloroethane	107062	6	120
1,1-Dichloroethylene	75354	24	480
1,2-Dichloropropane	78875	9.1	180
N,N-Dimethylacetamide	127195	700	14,000
1,4-Dioxane	123911	34	680
Ethylene dibromide	106934	0.05 (M); 0.006	20 (M); 1.0
Ethylene glycol	107211	55,000	1,100,000
Heptachlor	76448	0.01 (M); 0.0017	NLL
beta-Hexachlorocyclohexane	319857	0.024	20 (M)
Hexachloroethane	67721	5.3	310
Isophorone	78791	310	6,200
Isopropyl alcohol	67630	28,000	5,600,000
Lead	7439921	14*	*
Manganese	7439965	3,000	32,000
Methyl tert-butyl ether (MTBE)	1634044	100	2,000
Methylene chloride	75062	47	940
Mixes	2182855	0.02 (M); 1.6E-5	NLL
Molybdenum	7439987	120	2,400
Nitrobenzene	98953	4.7	140 (M); 64
Pentachlorophenol	87868	1.4*	*
1,2,4,5-Tetrachlorobenzene	95943	2.8	3,300
1,1,1,2-Tetrachloroethane	640706	3.9	380
1,1,2,2-Tetrachloroethane	79345	3.2	64
Tetrachloroethylene	127184	11	230
Tetrahydrofuran	109999	350	2,000
Thalipate	7440280	1.0 (M); 1.2	2,300
1,1,2-Trichloroethane	79105	12	240
Trichloroethylene	79016	29	580



Table 3. Summary of Detected Soil and Groundwater Concentrations from September 2-5, 2008  
 Sampling Conducted at 24-26 N. State Street, Hart, Michigan (concentrations in exceedence of Part 213  
 Tier 1 RBSLs are circled and bolded).

Sample ID	Date	Analyte	CAS	Units	Detected Concentration	Part 213 Tier 1 RBSL							
						Statewide Default Background Levels	Res Comm 1 Drinking Water	Ground Surface Water Surface	Volumetric in Indoor Air	Soil Saturation Concentration	Other Contact		
GP-3 @ 2' (soil)	9/2/2008	Arsenic	7440-39-2	µg/Kg-dry	2,400	5,800	4,600	70,000 (S)	NLV	NA	7,600		
		Barium (B)	7440-39-3	µg/Kg-dry	60,000	75,000	1,300,000	570,000	NLV	NA	180,000		
		Chromium (B,H)	7440-47-3	µg/Kg-dry	18,000	18,000	1,0E+9 (D)	3,700,000,000	NLV	NA	790,000,000		
		Chromium (V)	18540-29-9	µg/Kg-dry	ND	NA	30,000	3,300	NLV	NA	2,500,000		
		Copper (B)	7440-50-8	µg/Kg-dry	15,000	32,000	5,800,000	86,000	NLV	NA	20,000,000		
		Iron (B)	7439-89-6	µg/Kg-dry	13,000,000	12,000,000	6,000	NA	NLV	NA	160,000,000		
		Manganese (B)	7439-96-5	µg/Kg-dry	280,000	440,000	1,000	68,000	NLV	NA	25,000,000		
		Zinc (B)	7440-66-6	µg/Kg-dry	32,000	47,000	2,400,000	200,000	NLV	NA	170,000,000		
		EPA 8260 VOCs		µg/Kg-dry	ND								
		EPA 8270 PNAS		µg/Kg-dry	ND	NA	NA	NA	NA	50,000	NA		
		DRO		µg/Kg-dry	ND	NA	NA	NA	NA	50,000	NA		
		GRO		µg/Kg-dry	ND	NA	NA	NA	NA	50,000	NA		
		GP-2A @ 4.5' (soil)	9/5/2008	Arsenic	7440-39-2	µg/Kg-dry	2,100	5,800	4,600	70,000 (S)	NLV	NA	7,600
				Barium (B)	7440-39-3	µg/Kg-dry	60,000	75,000	1,300,000	570,000	NLV	NA	180,000
Calcium (B)	7440-43-0			µg/Kg-dry	240	1,200	6,000	4,300	NLV	550,000	NA		
Chromium (B,H)	7440-47-3			µg/Kg-dry	21,000	18,000	1,0E+9 (D)	3,700,000,000	NLV	NA	790,000,000		
Copper (B)	7440-50-8			µg/Kg-dry	16,000	32,000	5,800,000	86,000	NLV	NA	20,000,000		
Iron (B)	7439-89-6			µg/Kg-dry	16,000,000	12,000,000	6,000	NA	NLV	NA	160,000,000		
Lead (B)	7439-92-1			µg/Kg-dry	2,700	21,000	700,000	3,700,000	NLV	NA	400,000		
Manganese (B)	7439-96-5			µg/Kg-dry	310,000	440,000	1,000	68,000	NLV	NA	25,000,000		
Zinc (B)	7440-66-6			µg/Kg-dry	34,000	47,000	2,400,000	200,000	NLV	NA	170,000,000		
DRO				µg/Kg-dry	ND	NA	NA	NA	NA	50,000	NA		
GRO				µg/Kg-dry	ND	NA	NA	NA	NA	50,000	NA		
EPA 8270 PNAS				µg/Kg-dry	ND								
EPA 8260 VOCs				µg/Kg-dry	ND								
GP-12 @ 10-15' (aqueous)	9/3/2008			Iron (B)	7439-89-6	µg/L	3,100	NA	100 (E)	NA	NLV	NA	58,000,000
		Manganese (B)	7439-96-5	µg/L	320	NA	50 (E)	3,400	NLV	NA	9,100,000		
		EPA 8270 PNAS		µg/L	ND								
		EPA 8260 VOCs		µg/L	ND								
		MW-3 (aqueous)	9/3/2008	Iron (B)	7439-89-6	µg/L	300	NA	300 (E)	NA	NLV	NA	58,000,000
				Manganese (B)	7439-96-5	µg/L	160	NA	50 (E)	3,400	NLV	NA	9,100,000
				EPA 8270 PNAS		µg/L	ND						
				EPA 8260 VOCs		µg/L	ND						
				GP-16A (aqueous)	9/3/2008	Arsenic	7440-39-2	µg/L	50	NA	10	150	NLV
		Barium (B)	7440-39-3			µg/L	1,100	NA	2,000	870	NLV	NA	14,000,000
		Calcium	7440-43-0			µg/L	5.0	NA	5	3.6	NLV	NA	190,000
		Chromium (B,H)	7440-47-3			µg/L	170	NA	100	130	NLV	NA	290,000,000
		Copper (B)	7440-50-8			µg/L	130	NA	1,000	15	NLV	NA	7,400,000
		Iron (B)	7439-89-6			µg/L	120,000	NA	300 (E)	NA	NLV	NA	58,000,000
Lead (B)	7439-92-1	µg/L	390			NA	4 (L)	21	NLV	NA	ID		
Manganese (B)	7439-96-5	µg/L	4,600			NA	50 (E)	3,400	NLV	NA	9,100,000		
Zinc (B)	7440-66-6	µg/L	3,200			NA	2,400	300	NLV	NA	110,000,000		
GP-13 (aqueous)	9/3/2008	Isopropylbenzene	98-82-8	µg/L	14	NA	800	ID	56,000 (S)	NA	56,000 (S)		
		EPA 8270 PNAS		µg/L	ND								
		Copper (B)	7440-50-8	µg/L	49	NA	1,000	15	NLV	NA	7,400,000		
		Iron (B)	7439-89-6	µg/L	3,500	NA	300 (E)	NA	NLV	NA	58,000,000		
		Lead (B)	7439-92-1	µg/L	5.6	NA	4 (L)	21	NLV	NA	ID		
		Manganese (B)	7439-96-5	µg/L	300	NA	50 (E)	3,400	NLV	NA	9,100,000		
		Zinc (B)	7440-66-6	µg/L	74	NA	2,400	200	NLV	NA	110,000,000		
		GP-16 (aqueous)	9/3/2008	Acenaphthylene	208-96-8	µg/L	29	NA	52	ID	3,900 (S)	NA	3,900 (S)
				Naphthalene	91-20-3	µg/L	45	NA	520	13	31,000 (S)	NA	31,000 (S)
				1,2,4-Trimethylbenzene (T)	95-63-6	µg/L	30	NA	63 (E)	17	56,000 (S)	NA	56,000 (S)
				1,3,5-Trimethylbenzene (T)	708-67-8	µg/L	98	NA	72 (E)	45	61,000 (S)	NA	61,000 (S)
				4-Isopropyltoluene	95-87-5	µg/L	20	NA	NA	NA	NA	NA	NA
				Benzene (B)	71-43-2	µg/L	1,500	NA	5 (A)	200	5,600	NA	11,000
				Ethylbenzene (E)	100-11-4	µg/L	75	NA	74 (E)	18	110,000	NA	1,7E+5 (S)
Isopropylbenzene	98-82-8			µg/L	23	NA	800	ID	56,000 (S)	NA	56,000 (S)		
n-Butylbenzene	104-51-8			µg/L	53	NA	80	ID	ID	NA	5,900		
n-Propylbenzene (E)	103-65-1			µg/L	53	NA	80	ID	ID	NA	15,000		
Xylenes (B)	1330207			µg/L	26.1	NA	280 (E)	34	1,9E+5 (S)	NA	1,9E+5 (S)		
sec-Butylbenzene	735-98-8			µg/L	5.0	NA	80	ID	ID	NA	4,400		
Toluene (E)	108-88-3			µg/L	63	NA	790 (E)	140	5.3E+5 (S)	NA	5.3E+5 (S)		

GP-15 [aqueous]	9/3/2008	1,2,4-Trimethylbenzene (I)	95-63-6	µg/L	29	NA	63 (E)	17	56,000 (S)	NA	56,000 (S)		
		1,3,5-Trimethylbenzene (I)	138-67-8	µg/L	6.3	NA	72 (F)	45	61,000 (S)	NA	61,000 (S)		
		Isopropylbenzene	98-82-8	µg/L	1.8	NA	80 (E)	ID	56,000 (S)	NA	56,000 (S)		
		n-Propylbenzene (I)	105-65-1	µg/L	3.6	NA	80	ID	ID	NA	15,000		
		Xylenes (I)	1330207	µg/L	106	NA	280 (E)	35	1.9E+5 (S)	NA	1.9E+5 (S)		
GP-8 [aqueous]	9/3/2008	EPA 8260 VOCs		µg/L	ND								
GP-11 [aqueous]	9/3/2008	EPA 8270 PNA's		µg/L	ND								
GP-11 [aqueous]	9/3/2008	Arsenic	7440-38-2	µg/L	45	NA	10	150	NLV	NA	4,300		
		Barium (B)	7440-39-3	µg/L	520	NA	2,000	700	NLV	NA	14,000,000		
		Cadmium	7440-43-9	µg/L	3.3	NA	5	3.6	NLV	NA	190,000		
		Chromium <sup>3</sup> (B,H)	7440-47-3	µg/L	84	NA	100	130	NLV	NA	790,000,000		
		Copper (B)	7440-50-8	µg/L	130	NA	1,000 (E)	1A	NLV	NA	7,400,000		
		Iron (B)	7439-89-6	µg/L	68,898	NA	300 (E)	NA	NLV	NA	58,000,000		
		Lead (B)	7439-92-1	µg/L	540	NA	4 (L)	21	NLV	NA	ID		
		Manganese (B)	7439-96-5	µg/L	1,200	NA	50 (E)	3,400	NLV	NA	9,100,000		
		Zinc (B)	7440-66-6	µg/L	960	NA	2,400	200	NLV	NA	110,000,000		
		Benzene (I)	71-43-2	µg/L	5.9	NA	5 (A)	200	5,600	NA	11,000		
		Ethylbenzene (I)	100-41-4	µg/L	2.0	NA	74 (E)	18	110,000	NA	1.7E+5 (S)		
		Xylenes (I)	1330207	µg/L	6.9	NA	280 (E)	35	1.9E+5 (S)	NA	1.9E+5 (S)		
		Toluene (I)	108-88-3	µg/L	7.4	NA	790 (E)	140	5.3E+5 (S)	NA	5.3E+5 (S)		
		EPA 8270 PNA's		µg/L	ND								
		GP-10 [aqueous]	9/4/2008	Barium (B)	7440-39-3	µg/L	210	NA	2,000	870	NLV	NA	74,000,000
				Iron (B)	7439-89-6	µg/L	22,000	NA	300 (E)	NA	NLV	NA	58,000,000
Lead (B)	7439-92-1			µg/L	4.3	NA	4 (L)	21	NLV	NA	ID		
Manganese (B)	7439-96-5			µg/L	12,000	NA	50 (E)	3,400	NLV	NA	9,100,000		
Zinc (B)	7440-66-6			µg/L	24	NA	2,400	200	NLV	NA	110,000,000		
1,2,4-Trimethylbenzene (I)	95-63-6			µg/L	1.6	NA	63 (E)	17	56,000 (S)	NA	56,000 (S)		
Toluene (I)	108-88-3			µg/L	2.4	NA	790 (E)	140	5.3E+5 (S)	NA	5.3E+5 (S)		
EPA 8270 PNA's				µg/L	ND								
GP-14 [aqueous]	9/4/2008			Barium (B)	7440-39-3	µg/L	120	NA	2,000	870	NLV	NA	14,000,000
				Copper (B)	7440-50-8	µg/L	11	NA	1,000 (E)	13	NLV	NA	7,400,000
		Iron (B)	7439-89-6	µg/L	9,800	NA	300 (E)	NA	NLV	NA	58,000,000		
		Lead (B)	7439-92-1	µg/L	14	NA	4 (L)	21	NLV	NA	ID		
		Manganese (B)	7439-96-5	µg/L	330	NA	50 (E)	3,400	NLV	NA	9,100,000		
		Zinc (B)	7440-66-6	µg/L	36	NA	2,400	200	NLV	NA	110,000,000		
		EPA 8260 VOCs		µg/L	ND								
		EPA 8270 PNA's		µg/L	ND								
		GP-13d [aqueous]	9/4/2008	Arsenic	7440-38-2	µg/L	50	NA	10	150	NLV	NA	4,300
				Barium (B)	7440-39-3	µg/L	720	NA	2,000	870	NLV	NA	14,000,000
Cadmium	7440-43-9			µg/L	3.0	NA	5	3.6	NLV	NA	190,000		
Chromium <sup>3</sup> (B,H)	7440-47-3			µg/L	380	NA	100	130	NLV	NA	790,000,000		
Copper (B)	7440-50-8			µg/L	230	NA	1,000 (E)	13	NLV	NA	7,400,000		
Iron (B)	7439-89-6			µg/L	190,000	NA	300 (E)	NA	NLV	NA	58,000,000		
Lead (B)	7439-92-1			µg/L	86	NA	4 (L)	21	NLV	NA	ID		
Manganese (B)	7439-96-5			µg/L	4,200	NA	50 (E)	3,400	NLV	NA	9,100,000		
Zinc (B)	7440-66-6			µg/L	500	NA	2,400	200	NLV	NA	110,000,000		
EPA 8260 VOCs				µg/L	ND								
EPA 8270 PNA's		µg/L	ND										
MW-1 [aqueous]	9/4/2008	Acenaphthylene	208-96-8	µg/L	70	NA	52	ID	3,900 (S)	NA	3,900 (S)		
		Naphthalene	91-20-3	µg/L	170	NA	520	13	31,000 (S)	NA	31,000 (S)		
		Barium (B)	7440-39-3	µg/L	120	NA	2,000	870	NLV	NA	14,000,000		
		Iron (B)	7439-89-6	µg/L	13,000	NA	300 (E)	NA	NLV	NA	58,000,000		
		Manganese (B)	7439-96-5	µg/L	1,700	NA	50 (E)	3,400	NLV	NA	9,100,000		
		1,2,3-Trimethylbenzene (I)	95-63-6	µg/L	14	NA	63 (E)	17	56,000 (S)	NA	56,000 (S)		
		1,3,5-Trimethylbenzene (I)	138-67-8	µg/L	2.7	NA	72 (E)	45	61,000 (S)	NA	61,000 (S)		
		Benzene (I)	71-43-2	µg/L	19	NA	5 (A)	200	5,600	NA	11,000		
		Ethylbenzene (I)	100-41-4	µg/L	15	NA	74 (E)	18	110,000	NA	1.7E+5 (S)		
		Isopropylbenzene	98-82-8	µg/L	52	NA	80	ID	56,000 (S)	NA	56,000 (S)		
		n-Butylbenzene	104-51-8	µg/L	9.0	NA	80	ID	ID	NA	5,900		
		n-Propylbenzene (I)	103-65-1	µg/L	130	NA	80	ID	ID	NA	15,000		
		Xylenes (I)	1330207	µg/L	23.5	NA	280 (E)	35	1.9E+5 (S)	NA	1.9E+5 (S)		
		Toluene (I)	108-88-3	µg/L	1.9	NA	790 (E)	140	5.3E+5 (S)	NA	5.3E+5 (S)		
		1,2,4-Trimethylbenzene (I)	95-63-6	µg/L	42	NA	63 (E)	17	56,000 (S)	NA	56,000 (S)		
		1,3,5-Trimethylbenzene (I)	138-67-8	µg/L	12	NA	72 (E)	45	61,000 (S)	NA	61,000 (S)		
		Benzene (I)	71-43-2	µg/L	39	NA	5 (A)	200	5,600	NA	11,000		
		Ethylbenzene (I)	100-41-4	µg/L	28	NA	74 (E)	18	110,000	NA	1.7E+5 (S)		
		Isopropylbenzene	98-82-8	µg/L	2.3	NA	80	ID	56,000 (S)	NA	56,000 (S)		
		n-Propylbenzene (I)	103-65-1	µg/L	64	NA	80	ID	ID	NA	15,000		
Xylenes (I)	1330207	µg/L	131	NA	280 (E)	35	1.9E+5 (S)	NA	1.9E+5 (S)				
n-Butylbenzene	104-51-8	µg/L	1.1	NA	80	ID	ID	NA	4,400				
Toluene (I)	108-88-3	µg/L	28	NA	790 (E)	140	5.3E+5 (S)	NA	5.3E+5 (S)				
MW-2 [aqueous]	9/5/2008	Iron (B)	7439-89-6	µg/L	640	NA	300 (E)	NA	NLV	NA	58,000,000		
		Manganese (B)	7439-96-5	µg/L	98	NA	50 (E)	3,400	NLV	NA	9,100,000		
		EPA 8260 VOCs		µg/L	ND								
		EPA 8270 PNA's		µg/L	ND								
GP-6 [aqueous]	9/5/2008	Iron (B)	7439-89-6	µg/L	480	NA	300 (E)	NA	NLV	NA	58,000,000		
		Manganese (B)	7439-96-5	µg/L	29	NA	50 (E)	3,400	NLV	NA	9,100,000		
		EPA 8260 VOCs		µg/L	ND								
		EPA 8270 PNA's		µg/L	ND								
		EPA 8260 VOCs		µg/L	ND								
Trip Blank [aqueous]				µg/L	ND								

**Notes:**

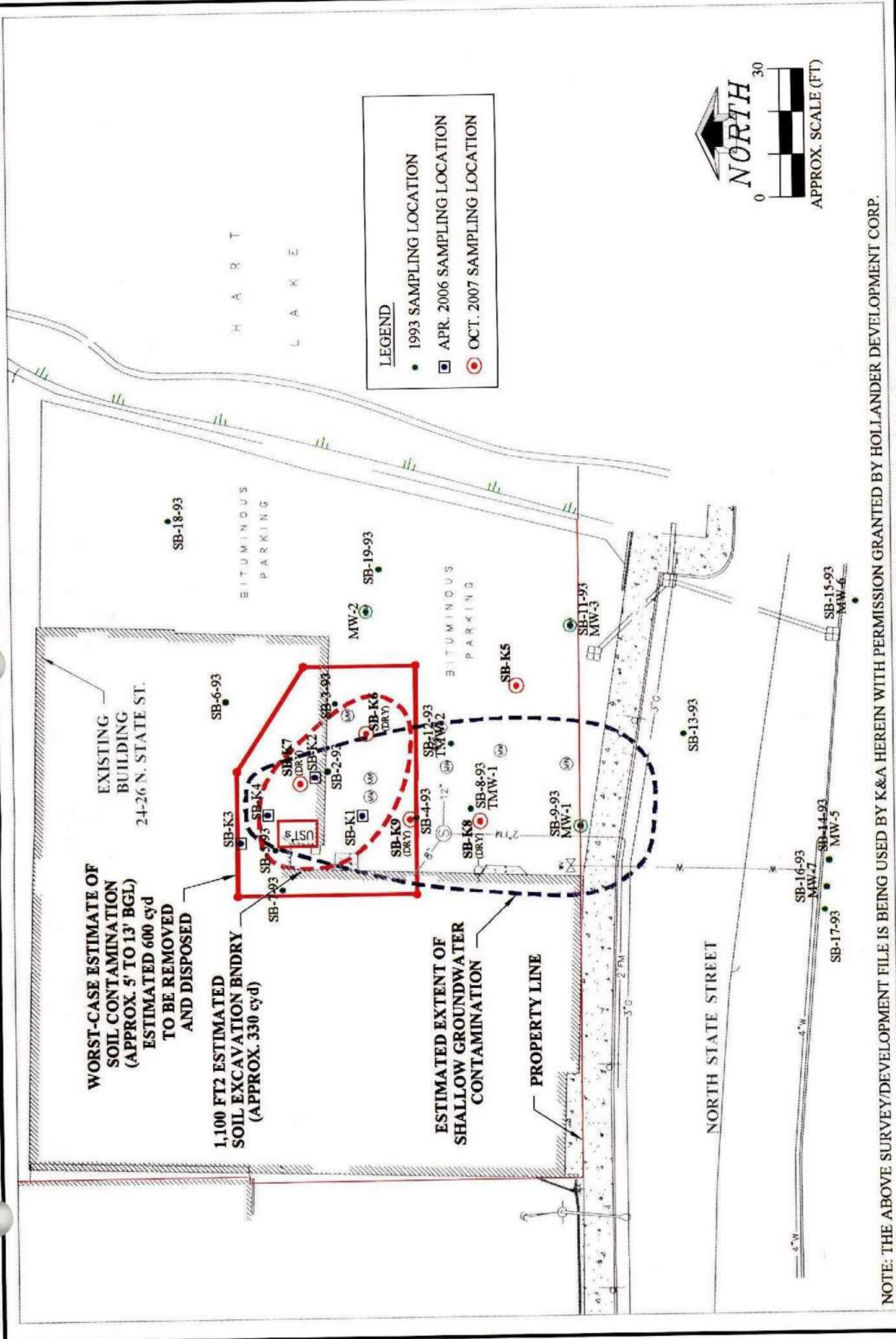
1. Bold and shaded values exceed the Tier 1 Risk Based Screening Levels (RBSSL) for concentrations measured in soil or groundwater (as appropriate). All initial data represent total concentrations, unless indicated otherwise.  
 2. = Insufficient data to develop criteria.  
 NA = Not Applicable.  
 N/A = Not likely to reach.  
 N/V = Not likely to volatilize.

a = DRG requires Total Chromium limit to be compared with Cr VI cleanup criteria. Cr VI analyses were also requested and reported Non-Detect, therefore Total Chromium values are compared with Cr III criteria.  
 b = Collection of volumetric soils was requested by EMAS. Neither soil nor water sample analysis methods are appropriate for comparison of saturated "soils" samples to generic soil or groundwater cleanup criteria. The cleanup criteria are based upon exposure assumptions appropriate only for soil or water, individually, and are not applicable to exposure to saturated "soil" as a mixture of soil and water. (MDEQ, 2004, Op Memo #2 - Attachment 5)

- (A) Criterion is the state of Michigan drinking water standard established pursuant to Section 3 of 1936 PA 399, MCL 330.15.
- (B) Background, as defined in R 339.504 (b), may be substituted if higher than the calculated cleanup criteria. The background level may be less than criteria for some inorganic compounds.
- (C) Value presented in screening level based on the chemical-specific generic soil cleanup concentration (C<sub>soil</sub>) since the calculated risk-based criterion is greater than C<sub>soil</sub>. Concentrations greater than C<sub>soil</sub> are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase materials containing a hazardous substance is not present.
- (D) Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent of 1.0E-09 parts per billion (ppb).
- (E) Criterion is the aesthetic drinking water value as required by Section 20120a(3)(c) of the Natural Resources and Environment Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in the following table:

Hazardous Substance	Chemical Abstract Service Number	Residential Health-Based Drinking Water Value	Industrial/Commercial Health-Based Drinking Water Value
Aluminum	7429005	300	4,000
Aromatic Amine	999956	500	2,000
Copper	7440388	1,400	4,000
Diethyl ether	69297	3,700	10,000
Ethylbenzene	105414	700	700
Iron	7439896	2,000	5,000
Manganese	7439965	800	2,000
Methyl-tert-butyl-ether (MTBE)	16338044	240	600
Toluene	108883	1,600	1,500
1,2,4-Trimethylbenzene	95656	1,800	2,000
1,3,5-Triethylbenzene	105628	1,800	2,000
Xylenes	1330017	40,000	20,000

- (K) Groundwater specific water intake (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO<sub>3</sub>/l, use 400 mg CaCO<sub>3</sub>/l for the FCV calculation. The FCV formula provides values in units of µg/l or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDWV). The soil GSI protection criteria for these hazardous substances are the greater of the 10 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this document.
- (L) Volatile organic compounds (Cr III and Cr VI) shall be compared to the corresponding values on the cleanup criteria. If both Cr III and Cr VI are present in groundwater, the total concentration of both cannot exceed the drinking water criterion of 100 µg/l. If analytical data are provided for total chromium only, they shall be compared to the cleanup criteria for Cr VI. Cr III soil cleanup criteria for protection of drinking water can only be used in sites where groundwater is prevented from being used as a public water supply, currently and in the future, through an approved land use restriction.
- (M) Hazardous substance may exhibit the characteristic of ignitability as defined in 49 C.F.R. 261.21 (revised as of July 1, 2004), which is adopted by reference at these rules and is available for inspection at the DNR, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of \$45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (electronic number 269-044-00155-1), or from DNR, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
- (N) Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potency factors to human (h) pyrene.
- (O) Criterion defaults to the hazardous substance-specific water solubility limit.
- (P) The GSI criterion shown in the generic cleanup tables is not protective for surface water that is used as drinking water source. For a groundwater discharge to the Great Lakes and the Connecting waters or discharge in close proximity to a major supply intake in inland surface waters, the generic GSI criterion shall be the surface water human drinking water value (HDWV) listed in the table in this document, except for those HDWV indicated with an asterisk. For HDWV with an asterisk, the calculated FCV. See formulas in document (C). Soil protection criteria based on the HDWV shall be listed in the table in this document, except for those values with an asterisk. Soil GSI protection criteria for compounds with an asterisk shall be the greater of (2) times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this document.



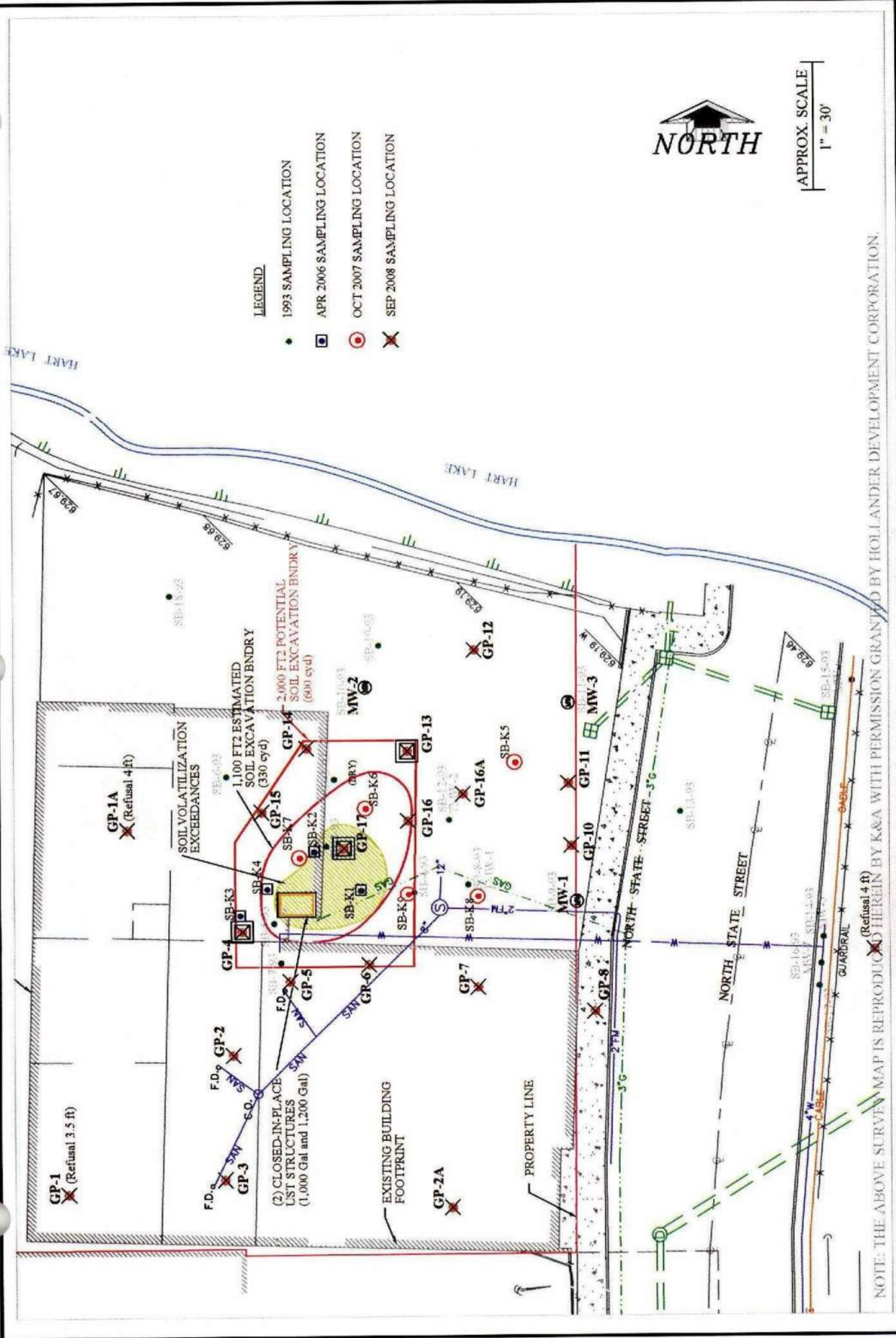
NOTE: THE ABOVE SURVEY/DEVELOPMENT FILE IS BEING USED BY K&A HEREIN WITH PERMISSION GRANTED BY HOLLANDER DEVELOPMENT CORP.

FIGURE 1

SITE SKETCH OF RECENT AND HISTORIC SAMPLING LOCATIONS AT 24 AND 26 N. STATE STREET, HART, MI.

536 E. MICHIGAN AVE., SUITE 300  
 KALAMAZOO, MI 49007  
 ph: (269) 344-7117 fax: (269) 344-2493

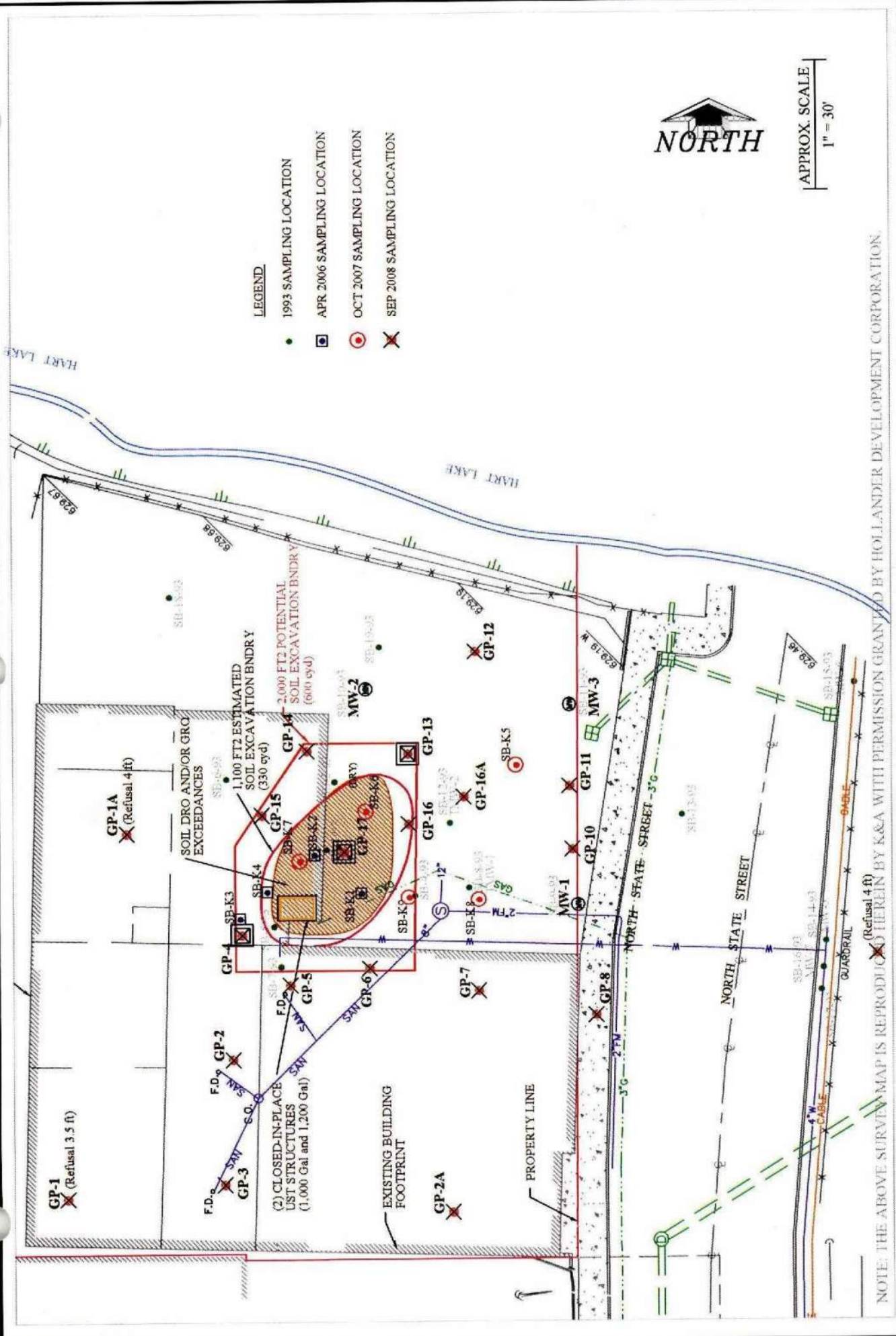
**KIESER & ASSOCIATES**  
 ENVIRONMENTAL, SCIENCE & ENGINEERING



NOTE: THE ABOVE SURVEY MAP IS REPRODUCED HEREIN BY K&A WITH PERMISSION GRANTED BY HOLLANDER DEVELOPMENT CORPORATION.

**KIESER & ASSOCIATES**  
 ENVIRONMENTAL SCIENCE & ENGINEERING  
 536 E. MICHIGAN AVE., SUITE 300  
 KALAMAZOO, MI 49007  
 ph: (269) 344-7117 fax: (269) 344-2493

SKETCH OF SOIL VOLATILIZATION EXCEEDANCES  
 AT 24-26 N. STATE STREET PROPERTY, HART, MICHIGAN  
 SEPTEMBER 2-5, 2008.  
 (SURVEY BY NORDLUND & ASSOCIATES, INC., 2004)



- LEGEND**
- 1993 SAMPLING LOCATION
  - ◻ APR 2006 SAMPLING LOCATION
  - ◉ OCT 2007 SAMPLING LOCATION
  - ✕ SEP 2008 SAMPLING LOCATION



APPROX. SCALE  
1" = 30'

NOTE: THE ABOVE SURVEY MAP IS REPRODUCED HEREIN BY K&A WITH PERMISSION GRANTED BY HOLLANDER DEVELOPMENT CORPORATION.

UNDERGROUND STORAGE TANK SITE ASSESSMENT REPORT FORM

(PLEASE TYPE OR PRINT)

SEE REVERSE SIDE FOR INSTRUCTIONS

Implementing Agency: Michigan State Police Fire Marshal Division	Hazardous Materials Section P.O. Box 30157 Lansing, Michigan 48909	Facility Number 0-008330
--	--	-----------------------------

**I. OWNERSHIP OF TANKS** Owner Name (corporation/individual, etc.)  
**COUNTY OF OCEANA**

Mailing Address P. O. Box 14, 100 State Street	City Hart	State MI	Zip Code 49420
County Oceana	Township	Telephone (including area code) ( 616 ) 873-4835	Rem 9/3/92
Contact Person for Location Paul Inglis			

**II. LOCATION OF TANKS**  PLEASE CHECK, IF SAME AS SECTION I Facility Name

Street Address (P.O. Box not acceptable)	City	State	Zip Code
County	Township	Telephone (including area code) ( )	
<b>TANK INFORMATION:</b>	Substance Stored in Tank(s) Gasoline/Diesel	Tank Number(s) 1 & 2	Test Methodology Used Attached
Test Methodology Level of Detection Attached			
Holding Time of Sample(s)	Date Sample(s) Taken 4/15/92	Was Water Found in the Excavation? <input type="checkbox"/> Yes <input type="checkbox"/> No	

The site assessment report must be received by State Fire Marshal within 45 days of sample being taken.

Information Submitted By Paul E. Inglis	Company County of Oceana
Signature <i>Paul E. Inglis</i>	Date 04/07/93
	Telephone (including area code) ( 616 ) 873-4835

YOU MUST ATTACH TEST SAMPLE RESULTS AND PROVIDE A SITE SKETCH WHICH INDICATES THE LOCATIONS OF TANKS AND PIPING AND WHICH IDENTIFIES THE DEPTHS AND LOCATIONS OF THE SAMPLES TAKEN. MAIL TO FIRE MARSHAL DIVISION AT ABOVE ADDRESS.

DO NOT WRITE BELOW THIS LINE

SITE ASSESSMENT REVIEW REPORT

Your site assessment report has been reviewed by Fire Marshal Division staff and the following determination made:

- Test methodology or level of detection of the methodology is faulty. The data submitted is not considered valid. Please perform another site assessment, and forward a copy of the results to this office within 45 days.
- The contaminant concentrations are below the threshold detection levels and there is no evidence of a confirmed release.
- The soils excavated and removed from the site or contaminant concentrations were greater than the threshold detection levels and there was evidence of a confirmed release. The confirmed release was not reported to this office within 24 hours, per the Michigan Underground Storage Tank Rules (MUSTR), prior to excavation of contaminated soil. To complete your reporting requirements, per (MUSTR), a confirmed release report is being generated. A confirmed release report is being sent to the Department of Natural Resources, to ensure proper cleanup and testing were utilized.
- The contaminant concentrations are greater than the threshold detection levels and there is evidence of a confirmed release. To determine if a Type A, B, or C cleanup may be performed, please refer to Part 6 and Part 7 Rules under the Michigan Environmental Response Act to determine the nature and scope of cleanup requirements. A confirmed release report is being sent to the Department of Natural Resources.
- The number of sampling points analyzed are considered inadequate to make a determination on the cleanliness of the site. Please perform another site assessment and forward a copy of the results within 45 days.

Signature of Reviewer <i>A. R. Zajac</i>	Date of Review 5/11/93
Facility Number	

**AUTHORITY:** 1984 PA 423, as amended  
**COMPLIANCE:** Required  
**PENALTIES:** Any owner/operator who fails to notify is subject to a misdemeanor and civil penalties not to exceed \$5,000 per day for each tank.

- DISTRIBUTION:**
1. ORIGINAL, CANARY COPY, AND ATTACHMENTS TO FIRE MARSHAL DIVISION AT ABOVE ADDRESS
  2. PINK COPY FOR YOUR RECORDS

**Paul E. Inglis**  
Oceana County  
Administrator/Fiscal Officer  
P.O. Box 14  
Hart, Michigan 49420

FAX TRANSMISSION MEMO

DATE: May 4, 1993

FROM: Oceana County

Hart, Michigan

FAX NO: (616)873-4177

TO: Andrea Zajac

LOCATION: State Fire Marshall Division, Lansing

FAX NO: (517)322-0430

# OF PGS: 1 (NOT including this memo)

IN RE: Sketch of underground storage tanks

MEMO:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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\*\* TX CONFIRMATION REPORT \*\*

AS OF MAY 4 '93 12:32 PAGE.01

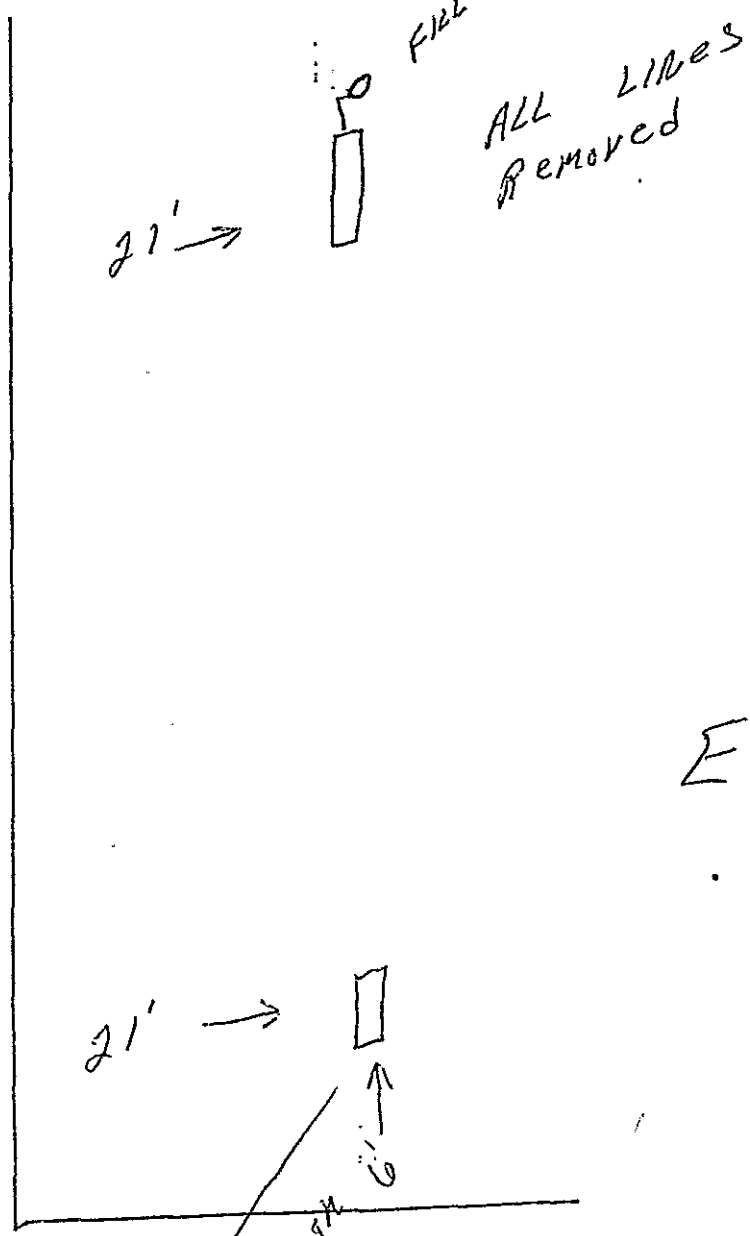
OCEANA CO

DATE	TIME	TO/FROM	MODE	MIN/SEC	PGS	STATUS
01	5/ 4 12:31	MSP FMD LANSING, MI	UF--S	00"29	02	OK

W

E

S



SOIL SAMPLES were  
 TAKEN AT ABOUT 8'  
 below ground level  
 from both ends of each  
 TANK (PLEASE REFER TO  
 SOIL SAMPLE RESULTS)

PUMPS were OWNED  
 and REMOVED BY  
 FARMERS PETROLEUM, INC.



Terry L. Shaw  
Oceana County Prosecuting Attorney

OCEANA COUNTY COURTHOUSE, P.O. Box 169, HART, MICHIGAN, 49420

(616) 873-4608

April 9, 1993

Michigan State Police  
Fire Marshall Division  
Hazardous Materials Section  
P. O. Box 30157  
Lansing, Michigan 48909

FAX  
Andrew Zajac  
(517) 322-0430

Phone #  
(517) 322-1861

RE: Underground Storage Tanks

Gentlemen:

Enclosed please find the Underground Storage Tank Site Assessment Report Form and the Registration for Underground Storage Tanks form for Oceana County. Also enclosed are copies of the Analytical Results from TRACE Analytical Laboratories, Inc. dated 4/29/92.

If you have any questions, please feel free to contact this office.

Very truly yours,

Terry L. Shaw  
Prosecuting Attorney

cc: Paul Inglis

MICHIGAN DEPARTMENT OF STATE POLICE  
**UNDERGROUND STORAGE TANK SITE ASSESSMENT REPORT FORM**

(PLEASE TYPE OR PRINT)

SEE REVERSE SIDE FOR INSTRUCTIONS

Implementing Agency: Michigan State Police Fire Marshal Division	Hazardous Materials Section P.O. Box 30157 Lansing, Michigan 48909	Facility Number  0-008330
--	--	---------------------------------

**I. OWNERSHIP OF TANKS** Owner Name (corporation/individual, etc.)

COUNTY OF OCEANA

Mailing Address P. O. Box 14, 100 State Street	City Hart	State MI	Zip Code 49420
County Oceana	Township	Telephone (including area code) ( 616 ) 873-4835	
Contact Person for Location Paul Inglis			

**II. LOCATION OF TANKS**  PLEASE CHECK, IF SAME AS SECTION I Facility Name

Street Address (P.O. Box not acceptable)	City	State	Zip Code
County	Township	Telephone (including area code) ( )	
<b>TANK INFORMATION:</b> Substance Stored in Tank(s) Gasoline/Diesel	Tank Number(s) 1 & 2	Test Methodology Used Attached	
Test Methodology Level of Detection Attached			
Holding Time of Sample(s)	Date Sample(s) Taken 4/15/92	Was Water Found in the Excavation? <input type="checkbox"/> Yes <input type="checkbox"/> No	

The site assessment report must be received by State Fire Marshal within 45 days of sample being taken.

Information Submitted By Paul E. Inglis	Company County of Oceana
Signature <i>Paul E. Inglis</i>	Date 04/07/93
	Telephone (including area code) ( 616 ) 873-4835

**YOU MUST ATTACH TEST SAMPLE RESULTS AND PROVIDE A SITE SKETCH WHICH INDICATES THE LOCATIONS OF TANKS AND PIPING AND WHICH IDENTIFIES THE DEPTHS AND LOCATIONS OF THE SAMPLES TAKEN. MAIL TO FIRE MARSHAL DIVISION AT ABOVE ADDRESS.**

DO NOT WRITE BELOW THIS LINE

**SITE ASSESSMENT REVIEW REPORT**

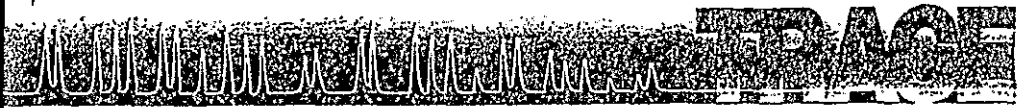
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- Test methodology or level of detection of the methodology is faulty. The data submitted is not considered valid. Please perform another site assessment, and forward a copy of the results to this office within 45 days.
- The contaminant concentrations are below the threshold detection levels and there is no evidence of a confirmed release.
- The soils excavated and removed from the site or contaminant concentrations were greater than the threshold detection levels and there was evidence of a confirmed release. The confirmed release was not reported to this office within 24 hours, per the Michigan Underground Storage Tank Rules (MUSTR), prior to excavation of contaminated soil. To complete your reporting requirements, per (MUSTR), a confirmed release report is being generated. A confirmed release report is being sent to the Department of Natural Resources, to ensure proper cleanup and testing were utilized.
- The contaminant concentrations are greater than the threshold detection levels and there is evidence of a confirmed release. To determine if a Type A, B, or C cleanup may be performed, please refer to Part 6 and Part 7 Rules under the Michigan Environmental Response Act to determine the nature and scope of cleanup requirements. A confirmed release report is being sent to the Department of Natural Resources.
- The number of sampling points analyzed are considered inadequate to make a determination on the cleanliness of the site. Please perform another site assessment and forward a copy of the results within 45 days.

Signature of Reviewer	Date of Review
	Facility Number

**AUTHORITY:** 1984 PA 423, as amended  
**COMPLIANCE:** Required  
**PENALTIES:** Any owner/operator who fails to notify is subject to a misdemeanor and civil penalties not to exceed \$5,000 per day for each tank.

- DISTRIBUTION:**
1. ORIGINAL, CANARY COPY, AND ATTACHMENTS TO FIRE MARSHAL DIVISION AT ABOVE ADDRESS
  2. PINK COPY FOR YOUR RECORDS



Analytical Laboratories, Inc.  
Environmental Services

2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6337

Great Northern Contractors  
ATTN: Ron, Janet or Jim  
950 Sternberg  
Muskegon, MI 49441

ANALYTICAL RESULTS  
DATE: 4/29/92

SAMPLE ID: 7303 04  
DATE RECEIVED: 4/16/92  
SAMPLE TYPE: Soil  
CLIENT I.D.: County of Oceana - Hart, MI (North End of Diesel)

DATE TAKEN: 4/15/92

=====

= RESULTS =

=====

EPA 3540/8100/8310/8270 RESULTS (mg/kg)  
Polynuclear Aromatic Hydrocarbons  
(analyzed 4/28/92)

Naphthalene	BDL (<0.33)
Acenaphthylene	BDL (<0.33)
Acenaphthene	BDL (<0.33)
Fluorene	BDL (<0.33)
Phenanthrene	BDL (<0.33)
Anthracene	BDL (<0.33)
Fluoranthene	BDL (<0.33)
Pyrene	BDL (<0.33)
Chrysene	BDL (<0.33)
Benzo(a)Anthracene	BDL (<0.33)
Benzo(a)Pyrene	BDL (<0.33)
Indeno(1,2,3-cd)Pyrene	BDL (<0.33)
Dibenzo(a,h)Anthracene	BDL (<0.33)
Benzo(g,h,i)Perylene	BDL (<0.33)
Benzo(k)Fluoranthene	BDL (<0.33)
Benzo(b)Fluoranthene	BDL (<0.33)

EPA 5030/8020 RESULTS  
(analyzed 4/21/92) (ug/kg)

Benzene	BAMDL (<10)
Toluene	BAMDL (<10)
Ethyl Benzene	BAMDL (<10)
Xylenes	BAMDL (<30)

BDL = Below Detection Limits  
BAMDL = Below Acceptable Method Detection Limits

\_\_\_\_\_  
Tim Holt  
Laboratory Supervisor



Analytical Laboratories, Inc.  
Environmental Services

2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

Great Northern Contractors  
ATTN: Ron, Janet or Jim  
950 Sternberg  
Muskegon, MI 49441

ANALYTICAL RESULTS  
DATE: 4/29/92

SAMPLE ID: 7303 01  
DATE RECEIVED: 4/16/92  
SAMPLE TYPE: Soil  
CLIENT SAMPLE I.D.: County of Oceana - Hart, MI (South End of Gasoline)

DATE TAKEN: 4/15/92  
ANALYSIS DATE: 4/21/92

=====

= RESULTS =

=====

EPA 5030/8020

RESULTS (ug/kg)

Benzene  
Toluene  
Ethyl Benzene  
Xylenes

BAMDL (<10)  
BAMDL (<10)  
BAMDL (<10)  
BAMDL (<30)

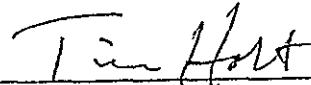
OTHER PARAMETER

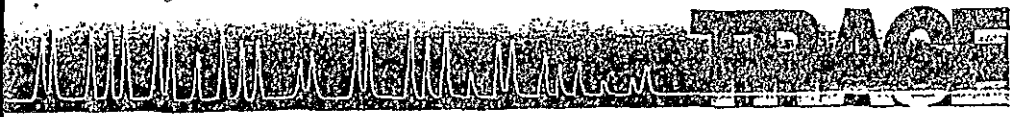
RESULTS (mg/kg)

Total Lead

2.3

BAMDL = Below Acceptable Method Detection Limits

  
\_\_\_\_\_  
Tim Holt  
Laboratory Supervisor



Great Northern Contractors  
ATTN: Ron, Janet or Jim  
950 Sternberg  
Muskegon, MI 49441

ANALYTICAL RESULTS  
DATE: 4/29/92

SAMPLE ID: 7303 03  
DATE RECEIVED: 4/16/92  
SAMPLE TYPE: Soil  
CLIENT I.D.: County of Oceana - Hart, MI (South End of Diesel)

DATE TAKEN: 4/15/92

=====

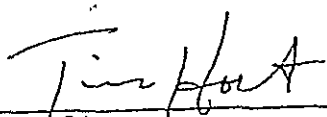
RESULTS

=====

EPA 3540/8100/8310/8270	RESULTS (mg/kg)
Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92)	
Naphthalene	BDL (<0.33)
Acenaphthylene	BDL (<0.33)
Acenaphthene	BDL (<0.33)
Fluorene	BDL (<0.33)
Phenanthrene	BDL (<0.33)
Anthracene	BDL (<0.33)
Fluoranthene	BDL (<0.33)
Pyrene	BDL (<0.33)
Chrysene	BDL (<0.33)
Benzo(a)Anthracene	BDL (<0.33)
Benzo(a)Pyrene	BDL (<0.33)
Indeno(1,2,3-cd)Pyrene	BDL (<0.33)
Dibenzo(a,h)Anthracene	BDL (<0.33)
Benzo(g,h,i)Perylene	BDL (<0.33)
Benzo(k)Fluoranthene	BDL (<0.33)
Benzo(b)Fluoranthene	BDL (<0.33)

EPA 5030/8020 (analyzed 4/21/92)	RESULTS (ug/kg)
Benzene	BAMDL (<10)
Toluene	BAMDL (<10)
Ethyl Benzene	BAMDL (<10)
Xylenes	BAMDL (<30)

BDL = Below Detection Limits  
BAMDL = Below Acceptable Method Detection Limits

  
\_\_\_\_\_  
Tim Holt  
Laboratory Supervisor





Please type or print in ink all items except the signatures in Section VIII & XI. This form must be completed for each location containing underground storage tanks. If more than eight (8) tanks are owned at this location, please photocopy page 2 and 3, and staple continuation sheets to the form. Make a copy of the completed registration form and file with your records for future reference. If amending a notification on file, it is sufficient to complete and highlight only those areas applicable. However, page 1 must always be completed.

# REGISTRATION FOR UNDERGROUND STORAGE TANKS

FACILITY NUMBER (if known) **9330**

**STATE USE ONLY**

A. DATE RECEIVED \_\_\_\_\_

B. DATE ENTERED INTO COMPUTER \_\_\_\_\_

C. DATA ENTRY CLERK INITIALS \_\_\_\_\_

IMPLEMENTING AGENCY:  
**MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION**

TYPE OF NOTIFICATION:  NEW REGISTRATION  AMENDED **91 FEB -**

**0** NO. OF TANKS AT FACILITY

NO. OF CONTINUATION SHEETS ATTACHED: **FEB 08 1994**

**I. OWNERSHIP OF TANKS**

IF THIS A NEW OWNER'S ADDRESS, PLEASE CHECK

COUNTY OF OCEANA

OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)  
 P.O. BOX 14, 100 STATE STREET

MAILING ADDRESS  
 HART MICHIGAN 49420

CITY STATE ZIP

OCEANA TOWNSHIP

COUNTY TOWNSHIP

(616) 873-4835

TE [REDACTED]

TAXPAYER ID OR SOCIAL SECURITY NUMBER\*

**LOCATION OF TANKS**

IF INFORMATION SAME AS SECTION I, PLEASE CHECK

FACILITY NAME OR SITE IDENTIFIER \_\_\_\_\_

STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) \_\_\_\_\_

CITY STATE ZIP

COUNTY TOWNSHIP \_\_\_\_\_

TELEPHONE (INCLUDING AREA CODE) \_\_\_\_\_

**III. TYPE OF OWNER**

FEDERAL GOVERNMENT  COMMERCIAL

STATE GOVERNMENT  PRIVATE

LOCAL GOVERNMENT

**IV. INDIAN LANDS**

TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS.

TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL.

TRIBE OR NATION: \_\_\_\_\_

**V. TYPE OF FACILITY**

<input type="checkbox"/> GAS STATION	<input checked="" type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (EXPLAIN)

**VI. CONTACT PERSON FOR LOCATION**

NAME Paul E. Inglis	JOB TITLE Administrator/Fiscal Off.	PHONE (including area code) ( 616 ) 873-4835
------------------------	--	---

**VII. FINANCIAL RESPONSIBILITY**

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES

<input type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input type="checkbox"/> MUSTFA FUND
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND
<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED

(CHECK ALL ITEMS BELOW THAT APPLY)

(PLEASE SPECIFY)

FOR INFORMATION ABOUT MUSTFA ELIGIBILITY, CALL 1-800-468-7832

**VIII. CERTIFICATION**

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATURE <i>Paul E. Inglis</i>	DATE 01/31/94
---	------------------------------------	------------------

\*THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.

AUTHORITY: 1984 PA 423.  
 COMPLIANCE: Required  
 PENALTIES: Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM PART B BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.



**X. TANKS OUT OF USE OR CHANGE IN SERVICE**

TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	#	#	#	#
<b>1. CLOSING OF TANK</b>								
A. ESTIMATED DATE LAST USED (MO/DAY/YR)	04/10/92	04/10/92						
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (MO/DAY/YR)	04/13/92	04/13/92						
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE.**

**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

<b>1. INSTALLATION</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY)																
<b>2. RELEASE DETECTION</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>	<b>TANK</b>	<b>PIPE</b>
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INVENTORY CONTROL	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
J. LINE TIGHTNESS TESTING		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)																
<b>3. SPILL AND OVERFILL PROTECTION</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<b>4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. YES	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. NO	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

**PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.**

INSTALLER \_\_\_\_\_ NAME PRINTED \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ POSITION \_\_\_\_\_ COMPANY \_\_\_\_\_

**COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:**

This information was provided to MSP-Fire Marshall Division on April 7, 1993. Please  
update your files accordingly. Please refer to the enclosed FM-23 that was sent to you  
on 04/07/93 reporting the dates the County of Oceana's tanks were last used and removed.

Please type or print in ink all items except the signatures in Section VIII & XI. This form must be completed for each location containing underground storage tanks. If more than eight (8) tanks are owned at this location, please photocopy page 2 and 3, and staple continuation sheets to the form. Make a copy of the completed registration form and file with your records for future reference. If amending a notification on file, it is sufficient to complete and highlight only those areas applicable. However, page 1 must always be completed.

# REGISTRATION FOR UNDERGROUND STORAGE TANKS

FACILITY NUMBER (if known) **8330**

IMPLEMENTING AGENCY:

**MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION**

TYPE OF NOTIFICATION:  NEW REGISTRATION  AMENDED INFO. **94 FEB - 1 PM**

STATE USE ONLY

A. DATE RECEIVED \_\_\_\_\_

B. DATE ENTERED INTO COMPUTER \_\_\_\_\_

C. DATA ENTRY CLERK INITIALS \_\_\_\_\_

2 NO. OF TANKS AT FACILITY  
 \_\_\_\_\_ NO. OF CONTINUATION SHEETS ATTACHED

### I. OWNERSHIP OF TANKS

IF THIS A NEW OWNER'S ADDRESS, PLEASE CHECK

### II. LOCATION OF TANKS

IF INFORMATION SAME AS SECTION I, PLEASE CHECK

COUNTY OF OCEANA **SMK FEB 08 1994**

OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)  
 P. O. Box 14, 100 State Street

MAILING ADDRESS  
 Hart, Michigan 49420

Oceana TOWNSHIP

FACILITY NAME OR SITE IDENTIFIER \_\_\_\_\_

STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

COUNTY \_\_\_\_\_ TOWNSHIP \_\_\_\_\_

TELEPHONE (INCLUDING AREA CODE)  
 (616) 873-4835

TELEPHONE (INCLUDING AREA CODE) \_\_\_\_\_

TAX PAYER ID OR SOCIAL SECURITY NUMBER\* \_\_\_\_\_

### III. TYPE OF OWNER

### IV. INDIAN LANDS

- FEDERAL GOVERNMENT
- STATE GOVERNMENT
- LOCAL GOVERNMENT
- COMMERCIAL
- PRIVATE

- TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS.
- TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL.

TRIBE OR NATION: \_\_\_\_\_

### V. TYPE OF FACILITY

- GAS STATION
- PETROLEUM DISTRIBUTOR
- AIR TAXI (AIRLINE)
- AIRCRAFT OWNER
- AUTO DEALERSHIP
- RAILROAD
- LOCAL GOVERNMENT
- STATE GOVERNMENT
- FEDERAL/NON-MILITARY
- FEDERAL-MILITARY
- COMMERCIAL
- INDUSTRIAL
- CONTRACTOR
- TRUCKING/TRANSPORT
- UTILITIES
- RESIDENTIAL
- FARM
- OTHER (EXPLAIN) \_\_\_\_\_

### VI. CONTACT PERSON FOR LOCATION

NAME: Paul Inglis | JOB TITLE: Fiscal Officer | PHONE (including area code): (616) 873-4835

### VII. FINANCIAL RESPONSIBILITY

- I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES  (CHECK ALL ITEMS BELOW THAT APPLY)
- SELF INSURANCE
  - COMMERCIAL INSURANCE
  - RISK RETENTION GROUP
  - GUARANTEE
  - SURETY BOND
  - LETTER OF CREDIT
  - MUSTFA FUND
  - TRUST FUND
  - OTHER METHOD ALLOWED (PLEASE SPECIFY) \_\_\_\_\_

FOR INFORMATION ABOUT MUSTFA ELIGIBILITY, CALL 1-800-468-7832

### VIII. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE: \_\_\_\_\_ | SIGNATURE: *Paul E. Inglis* | DATE: 04/07/93

\*THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.

AUTHORITY: 1984 PA 423.  
 COMPLIANCE: Required  
 PENALTIES: Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM PART B BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.

**IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)**

TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	#	#	#	#
<b>1. STATUS OF TANKS (CHECK ONE)</b> CURRENTLY IN USE <input type="checkbox"/> TEMPORARILY OUT OF USE ** <input type="checkbox"/> AMENDMENT OF INFORMATION <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
**ALSO COMPLETE SECTION X (If tanks are removed/closed, complete page 3, section X)								
<b>2. DATE OF INSTALLATION</b>								
<b>3. ESTIMATED TOTAL CAPACITY (GAL)</b>	2000	1500						
<b>4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY)</b> ASPHALT COATED OR BARE STEEL <input type="checkbox"/> CATHODICALLY PROTECTED STEEL <input type="checkbox"/> EPOXY COATED STEEL <input type="checkbox"/> COMPOSITE (STEEL WITH FIBERGLASS) <input type="checkbox"/> FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> LINED INTERIOR <input type="checkbox"/> DOUBLE WALLED <input type="checkbox"/> POLYETHYLENE TANK JACKET <input type="checkbox"/> CONCRETE <input type="checkbox"/> EXCAVATION LINER <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER, (PLEASE SPECIFY) _____ HAS TANK BEEN REPAIRED? <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. PIPING MATERIAL (MARK ALL THAT APPLY)</b> BARE STEEL <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> COPPER <input type="checkbox"/> CATHODICALLY PROTECTED <input type="checkbox"/> DOUBLE WALLED <input type="checkbox"/> SECONDARY CONTAINMENT <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER, (PLEASE SPECIFY) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. PIPING (TYPE) (MARK ALL THAT APPLY)</b> SUCTION: NO VALVE AT TANK <input type="checkbox"/> SUCTION: VALVE AT TANK <input type="checkbox"/> PRESSURE (REMOTE) <input type="checkbox"/> PRESSURE (GRAVITY FED) <input type="checkbox"/> HAS PIPING BEEN REPAIRED? <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME</b> GASOLINE <input type="checkbox"/> DIESEL <input type="checkbox"/> GASOHOL <input type="checkbox"/> KEROSENE <input type="checkbox"/> FUEL OIL (NOT FOR CONSUMPTIVE USE ON PREMISES) <input type="checkbox"/> USED OIL <input type="checkbox"/> OTHER (PLEASE SPECIFY) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAZARDOUS SUBSTANCE <input type="checkbox"/> COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR _____ CHEMICAL ABSTRACT SERVICE (CAS) NUMBER _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**X. TANKS OUT OF USE OR CHANGE IN SERVICE**

TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	#	#	#	#
1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (MO/DAY/YR)	4/10/92	4/10/92						
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (MO/DAY/YR)	4/13/92	4/13/92						
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE.**

**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

1. INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY)																
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INVENTORY CONTROL	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)																
3. SPILL AND OVERFILL PROTECTION	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
A. YES	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. NO	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

**PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.**

INSTALLER \_\_\_\_\_ NAME PRINTED \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ POSITION \_\_\_\_\_ COMPANY \_\_\_\_\_

COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:

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UNDERGROUND STORAGE TANK SITE ASSESSMENT REPORT FORM

(PLEASE TYPE OR PRINT)

SEE REVERSE SIDE FOR INSTRUCTIONS

LLS APR 21 1993

LLS MAY 19 1993

RECEIVED

Implementing Agency: Michigan State Police Fire Marshal Division	Hazardous Materials Section P.O. Box 30157 Lansing, Michigan 48909	Facility Number 0-008330	F81741 APR 14 93
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**I. OWNERSHIP OF TANKS** Owner Name (corporation/individual, etc.)  
**COUNTY OF OCEANA**

Mailing Address P. O. Box 14, 100 State Street	City Hart	State MI	Zip Code 49420
County Oceana	Township	Telephone (including area code) ( 616 ) 873-4835	
Contact Person for Location Paul Inglis		Rem 9/3/92 KJZ APR 21 1993	

MICHIGAN STATE POLICE  
FIRE MARSHAL DIVISION - HQ

**II. LOCATION OF TANKS**  PLEASE CHECK, IF SAME AS SECTION I Facility Name

Street Address (P.O. Box not acceptable)	City	State	Zip Code
County	Township	Telephone (including area code) ( )	

<b>TANK INFORMATION:</b> Substance Stored in Tank(s) Gasoline/Diesel	Tank Number(s) 1 & 2	Test Methodology Used Attached
Test Methodology Level of Detection Attached		
Holding Time of Sample(s)	Date Sample(s) Taken 4/15/92	Was Water Found in the Excavation? <input type="checkbox"/> Yes <input type="checkbox"/> No

The site assessment report must be received by State Fire Marshal within 45 days of sample being taken.

Information Submitted By Paul E. Inglis	Company County of Oceana
Signature <i>Paul E. Inglis</i>	Date 04/07/93
	Telephone (including area code) ( 616 ) 873-4835

**YOU MUST ATTACH TEST SAMPLE RESULTS AND PROVIDE A SITE SKETCH WHICH INDICATES THE LOCATIONS OF TANKS AND PIPING AND WHICH IDENTIFIES THE DEPTHS AND LOCATIONS OF THE SAMPLES TAKEN. MAIL TO FIRE MARSHAL DIVISION AT ABOVE ADDRESS.**

DO NOT WRITE BELOW THIS LINE

**SITE ASSESSMENT REVIEW REPORT**

Your site assessment report has been reviewed by Fire Marshal Division staff and the following determination made:

- Test methodology or level of detection of the methodology is faulty. The data submitted is not considered valid. Please perform another site assessment, and forward a copy of the results to this office within 45 days.
- The contaminant concentrations are below the threshold detection levels and there is no evidence of a confirmed release.
- The soils excavated and removed from the site or contaminant concentrations were greater than the threshold detection levels and there was evidence of a confirmed release. The confirmed release was not reported to this office within 24 hours, per the Michigan Underground Storage Tank Rules (MUSTR), prior to excavation of contaminated soil. To complete your reporting requirements, per (MUSTR), a confirmed release report is being generated. A confirmed release report is being sent to the Department of Natural Resources, to ensure proper cleanup and testing were utilized.
- The contaminant concentrations are greater than the threshold detection levels and there is evidence of a confirmed release. To determine if a Type A, B, or C cleanup may be performed, please refer to Part 6 and Part 7 Rules under the Michigan Environmental Response Act to determine the nature and scope of cleanup requirements. A confirmed release report is being sent to the Department of Natural Resources.
- The number of sampling points analyzed are considered inadequate to make a determination on the cleanliness of the site. Please perform another site assessment and forward a copy of the results within 45 days.

Signature of Reviewer <i>A. R. Zajac</i>	Date of Review 5/11/93
Facility Number	

**AUTHORITY:** 1984 PA 423, as amended  
**COMPLIANCE:** Required  
**PENALTIES:** Any owner/operator who fails to notify is subject to a misdemeanor and civil penalties not to exceed \$5,000 per day for each tank

- DISTRIBUTION:**
1. ORIGINAL, CANARY COPY, AND ATTACHMENTS TO FIRE MARSHAL DIVISION AT ABOVE ADDRESS
  2. PINK COPY FOR YOUR RECORDS

INSTRUCTIONS

For permanent mobile and change-of-address, please complete all information on the card and attach it to the appropriate envelope. For temporary, see separate instructions for each type of change.

You will receive a bill for postage and a customer report for each mail item.

SPONSORSHIP PROCEDURES

The following information regarding the use of our mail services is for your information only. It is not intended to be a contract. Please refer to the appropriate instructions for detailed information. Only qualified persons may be authorized to make changes to the following:

1. Change of address - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

2. Change of name - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

3. Change of phone number - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

4. Change of business address - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

5. Change of business name - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

Service 240-700... For assistance, call 240-700... For assistance, call 240-700... For assistance, call 240-700...

For more information, please contact your local office.

1. Change of address - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

2. Change of name - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

3. Change of phone number - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

4. Change of business address - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

5. Change of business name - To be authorized, you must have a valid reason for the change. You must have a valid reason for the change.

For more information, please contact your local office.

REMARKS

1. If you need more information, please contact your local office. 2. If you need more information, please contact your local office.

If you need more information, please contact your local office.

For more information, please contact your local office.

If you need more information, please contact your local office.



*abitel?*

RECEIVED  
Terry L. Shaw  
Oceana County Prosecuting Attorney

F 81740 APR 14 93  
MICHIGAN STATE POLICE  
FIRE MARSHAL DIVISION - HQ

OCEANA COUNTY COURTHOUSE, P.O. Box 169, HART, MICHIGAN 49420 (616) 873-4608

April 9, 1993

Michigan State Police  
Fire Marshall Division  
Hazardous Materials Section  
P. O. Box 30157  
Lansing, Michigan 48909

RE: Underground Storage Tanks

Gentlemen:

Enclosed please find the Underground Storage Tank Site Assessment Report Form and the Registration for Underground Storage Tanks form for Oceana County. Also enclosed are copies of the Analytical Results from TRACE Analytical Laboratories, Inc. dated 4/29/92.

If you have any questions, please feel free to contact this office.

Very truly yours,

Terry L. Shaw  
Prosecuting Attorney

cc: Paul Inglis







Analytical Laboratories, Inc.  
Environmental Services

2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

Great Northern Contractors  
ATTN: Ron, Janet or Jim  
950 Sternberg  
Muskegon, MI 49441

ANALYTICAL RESULTS  
DATE: 4/29/92

SAMPLE ID: 7303 03  
DATE RECEIVED: 4/16/92  
SAMPLE TYPE: Soil  
CLIENT I.D.: County of Oceana - Hart, MI (South End of Diesel)

DATE TAKEN: 4/15/92

=====

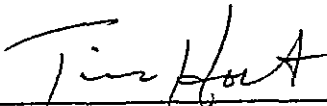
RESULTS

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EPA 3540/8100/8310/8270	RESULTS (mg/kg)
Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92)	
Naphthalene	BDL (<0.33)
Acenaphthylene	BDL (<0.33)
Acenaphthene	BDL (<0.33)
Fluorene	BDL (<0.33)
Phenanthrene	BDL (<0.33)
Anthracene	BDL (<0.33)
Fluoranthene	BDL (<0.33)
Pyrene	BDL (<0.33)
Chrysene	BDL (<0.33)
Benzo(a)Anthracene	BDL (<0.33)
Benzo(a)Pyrene	BDL (<0.33)
Indeno(1,2,3-cd)Pyrene	BDL (<0.33)
Dibenzo(a,h)Anthracene	BDL (<0.33)
Benzo(g,h,i)Perylene	BDL (<0.33)
Benzo(k)Fluoranthene	BDL (<0.33)
Benzo(b)Fluoranthene	BDL (<0.33)

EPA 5030/8020 (analyzed 4/21/92)	RESULTS (ug/kg)
Benzene	BAMDL (<10)
Toluene	BAMDL (<10)
Ethyl Benzene	BAMDL (<10)
Xylenes	BAMDL (<30)

BDL = Below Detection Limits  
BAMDL = Below Acceptable Method Detection Limits

  
\_\_\_\_\_  
Tim Holt  
Laboratory Supervisor



Analytical Laboratories, Inc.  
Environmental Services

2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

Great Northern Contractors  
ATTN: Ron, Janet or Jim  
950 Sternberg  
Muskegon, MI 49441

ANALYTICAL RESULTS  
DATE: 4/29/92

SAMPLE ID: 7303 04  
DATE RECEIVED: 4/16/92  
SAMPLE TYPE: Soil  
CLIENT I.D.: County of Oceana - Hart, MI (North End of Diesel)

DATE TAKEN: 4/15/92

RESULTS

EPA 3540/8100/8310/8270 Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92)	RESULTS (mg/kg)
Naphthalene	BDL (<0.33)
Acenaphthylene	BDL (<0.33)
Acenaphthene	BDL (<0.33)
Fluorene	BDL (<0.33)
Phenanthrene	BDL (<0.33)
Anthracene	BDL (<0.33)
Fluoranthene	BDL (<0.33)
Pyrene	BDL (<0.33)
Chrysene	BDL (<0.33)
Benzo(a)Anthracene	BDL (<0.33)
Benzo(a)Pyrene	BDL (<0.33)
Indeno(1,2,3-cd)Pyrene	BDL (<0.33)
Dibenzo(a,h)Anthracene	BDL (<0.33)
Benzo(g,h,i)Perylene	BDL (<0.33)
Benzo(k)Fluoranthene	BDL (<0.33)
Benzo(b)Fluoranthene	BDL (<0.33)

EPA 5030/8020 (analyzed 4/21/92)	RESULTS (ug/kg)
Benzene	BAMDL (<10)
Toluene	BAMDL (<10)
Ethyl Benzene	BAMDL (<10)
Xylenes	BAMDL (<30)

BDL = Below Detection Limits  
BAMDL = Below Acceptable Method Detection Limits

Tim Holt  
Laboratory Supervisor

PHONE 4836

**Paul E. Inglis**  
Oceana County  
Administrator/Fiscal Officer  
P.O. Box 14  
Hart, Michigan 49420

FAX TRANSMISSION MEMO

DATE: May 4, 1993

FROM: Oceana County  
Hart, Michigan

FAX NO: (616)873-4177

TO: Andrea Zajac

LOCATION: State Fire Marshall Division, Lansing

FAX NO: (517)322-0430

# OF PGS: 1 (NOT including this memo)

IN RE: Sketch of underground storage tanks

MEMO:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



N

7/10/2  
770M

21' →



ALL LINES  
REMOVED

W

E

SOIL SAMPLES WERE  
TAKEN AT ABOUT 8'  
BASELINE GRADE LEVEL  
FROM BOTH ENDS OF EACH  
TANK (PLEASE REFER TO  
SOIL SAMPLE RESULTS)

21' →



10' LINE ON BOTH  
CAPPED ENDS

garage

PUMPS WERE OWNED  
AND REMOVED BY  
FARMERS PETROLEUM, INC.

S

Please type or print in ink all items except the signatures in Section VIII & XI. This form must be completed for each location containing underground storage tanks. If more than eight (8) tanks are owned at this location, please photocopy page 2 and 3, and staple continuation sheets to the form. Make a copy of the completed registration form and file with your records for future reference. If amending a notification on file, it is sufficient to complete and highlight only those areas applicable. However, page 1 must always be completed.

# REGISTRATION FOR UNDERGROUND STORAGE TANKS

FACILITY NUMBER (if known) **8330**  
 APR 14 93

IMPLEMENTING AGENCY:  
**MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION** **F 81742**

**STATE USE ONLY**  
 A. DATE RECEIVED \_\_\_\_\_  
 B. DATE ENTERED INTO COMPUTER **5 1993**  
 C. DATA ENTRY CLERK INITIALS \_\_\_\_\_

TYPE OF NOTIFICATION:  NEW REGISTRATION  AMENDED INFO  
**2** NO. OF TANKS AT FACILITY  
 NO. OF CONTINUATION SHEETS ATTACHED

<p><b>I. OWNERSHIP OF TANKS</b></p> <p>IF THIS A NEW OWNER'S ADDRESS, PLEASE CHECK <input type="checkbox"/></p> <p>COUNTY OF OCEANA  <small>OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)</small></p> <p>P. O. Box 14, 100 State Street  <small>MAILING ADDRESS</small></p> <p>Hart, Michigan 49420  <small>CITY STATE ZIP</small></p> <p>Oceana  <small>COUNTY TOWNSHIP</small></p> <p>TELEPHONE (INCLUDING AREA CODE)          (616) 873-4835</p> <p>TAX PAYER ID OR SOCIAL SECURITY NUMBER*</p>	<p><b>II. LOCATION OF TANKS</b></p> <p>IF INFORMATION SAME AS SECTION I, PLEASE CHECK <input type="checkbox"/></p> <p>FACILITY NAME OR SITE IDENTIFIER _____</p> <p>STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) _____</p> <p>CITY _____ STATE _____ ZIP _____</p> <p>COUNTY _____ TOWNSHIP _____</p> <p>TELEPHONE (INCLUDING AREA CODE) _____</p>
--	--

<p><b>III. TYPE OF OWNER</b></p> <p><input type="checkbox"/> FEDERAL GOVERNMENT    <input type="checkbox"/> COMMERCIAL  <input type="checkbox"/> STATE GOVERNMENT    <input type="checkbox"/> PRIVATE  <input checked="" type="checkbox"/> LOCAL GOVERNMENT</p>	<p><b>IV. INDIAN LANDS</b></p> <p><input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS.  <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL.</p> <p>TRIBE OR NATION: _____</p>
---	---

**V. TYPE OF FACILITY**

<input type="checkbox"/> GAS STATION	<input checked="" type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (EXPLAIN) _____

**VI. CONTACT PERSON FOR LOCATION**

NAME Paul Inglis	JOB TITLE Fiscal Officer	PHONE (including area code) (616) 873-4835
---------------------	-----------------------------	---

**VII. FINANCIAL RESPONSIBILITY**

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES  (CHECK ALL ITEMS BELOW THAT APPLY)

<input type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input type="checkbox"/> MUSTFA FUND
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND
<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY) _____

FOR INFORMATION ABOUT MUSTFA ELIGIBILITY, CALL 1-800-468-7832

**VIII. CERTIFICATION**

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATURE <i>Paul E. Inglis</i>	DATE 04/07/93
---	------------------------------------	------------------

\*THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.

AUTHORITY: 1984 PA 423.  
 COMPLIANCE: Required  
 PENALTIES: Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM PART B BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.

**IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)**

TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	#	#	#	#
<b>1. STATUS OF TANKS (CHECK ONE)</b> CURRENTLY IN USE <input type="checkbox"/> TEMPORARILY OUT OF USE ** <input type="checkbox"/> AMENDMENT OF INFORMATION <input checked="" type="checkbox"/> <b>**ALSO COMPLETE SECTION X</b> <i>(If tanks are removed/closed, complete page 3, section X)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. DATE OF INSTALLATION</b>								
<b>3. ESTIMATED TOTAL CAPACITY (GAL)</b>	2000	1500						
<b>4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY)</b> ASPHALT COATED OR BARE STEEL <input type="checkbox"/> CATHODICALLY PROTECTED STEEL <input type="checkbox"/> EPOXY COATED STEEL <input type="checkbox"/> COMPOSITE (STEEL WITH FIBERGLASS) <input type="checkbox"/> FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> LINED INTERIOR <input type="checkbox"/> DOUBLE WALLED <input type="checkbox"/> POLYETHYLENE TANK JACKET <input type="checkbox"/> CONCRETE <input type="checkbox"/> EXCAVATION LINER <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER, (PLEASE SPECIFY) _____ HAS TANK BEEN REPAIRED? <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. PIPING MATERIAL (MARK ALL THAT APPLY)</b> BARE STEEL <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> COPPER <input type="checkbox"/> CATHODICALLY PROTECTED <input type="checkbox"/> DOUBLE WALLED <input type="checkbox"/> SECONDARY CONTAINMENT <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER, (PLEASE SPECIFY) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. PIPING (TYPE) (MARK ALL THAT APPLY)</b> SUCTION: NO VALVE AT TANK <input type="checkbox"/> SUCTION: VALVE AT TANK <input type="checkbox"/> PRESSURE (REMOTE) <input type="checkbox"/> PRESSURE (GRAVITY FED) <input type="checkbox"/> HAS PIPING BEEN REPAIRED? <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME</b> GASOLINE <input type="checkbox"/> DIESEL <input type="checkbox"/> GASOHOL <input type="checkbox"/> KEROSENE <input type="checkbox"/> FUEL OIL (NOT FOR CONSUMPTIVE USE ON PREMISES) <input type="checkbox"/> USED OIL <input type="checkbox"/> OTHER (PLEASE SPECIFY) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAZARDOUS SUBSTANCE <input type="checkbox"/> COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR _____ CHEMICAL ABSTRACT SERVICE (CAS) NUMBER _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**X. TANKS OUT OF USE OR CHANGE IN SERVICE**

TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	#	#	#	#
1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (MO/DAY/YR)	4/10/92	4/10/92						
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (MO/DAY/YR)	4/13/92	4/13/92						
C. TANK WAS REMOVED FROM GROUND	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC ) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE.**

**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

1. INSTALLATION																
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY).																
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INVENTORY CONTROL	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
J. LINE TIGHTNESS TESTING		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)																
3. SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. NO	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

**PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.**

INSTALLER \_\_\_\_\_ NAME PRINTED \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ POSITION \_\_\_\_\_ COMPANY \_\_\_\_\_

**COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:**

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4/92

JOHN ENGLER, GOVERNOR  
**DEPARTMENT OF STATE POLICE**  
 COL. MICHAEL D. ROBINSON, DIRECTOR

FIRE MARSHAL DIVISION

GENERAL OFFICE BUILDING  
 7150 HARRIS DRIVE  
 LANSING, MICHIGAN 48913

PHONE: 517 322-1924

COUNTY OF OCEANA  
 P.O. BOX 14, 100 STATE ST  
 HART, MI 49420

Facility #: 0-008330\*922

TX: (616) 845-7351 THOMAS STURRUS  
 FACILITY NO: 0-008330  
 COUNTY OF OCEANA CO: OCEANA  
 P.O. BOX 14, 100 STATE ST  
 HART, MI 49420  
 REC'D: 08-03-92 REM: 09-03-92

Dear UST Owner/Operator:

We have received your notice of intent to permanently close/remove an underground storage tank (UST) system on or after the above closure/removal (REM) date. This approval notice is valid for a six month period, beginning on the closure/removal date indicated. Please call the Hazardous Materials Storage Inspector for your area to confirm the actual UST closure date (see attached map). Although not required, this affords an opportunity for the inspector to be present during closure if time and scheduling allows. Your notification does not guarantee that the inspector will be present.

If your UST is not currently registered (see facility ID# above) with the Fire Marshal Division, you MUST submit a completed registration form with a \$100 per tank fee prior to closure/removal. If or when your UST is properly registered with the Fire Marshal Division, you MUST submit an amended copy of the Michigan UST Registration Form AFTER the system has been properly closed/removed. This will ensure that your tank(s) are removed from the active UST database.

The Michigan Underground Storage Tank rules require that a site assessment be performed to determine if contamination has occurred. Site assessment records MUST be maintained for three (3) years, with a copy forwarded to the Enforcement unit. A site assessment is not required if you report a confirmed release to our office.

The UST must be removed from the ground. Closure in place by cleaning and filling 100% with a solid inert material (sand, concrete, gravel) is only permitted if the UST is located under a building or permanent structure, and removal would cause damage to that structure. It is the responsibility of the owner/operator to make this determination, to document it, and to retain this pertinent information. These requirements do not apply to UST's storing heating oil for consumptive use on the premises. However, the Fire Marshal Division recommends that all UST's that are permanently closed be removed from the ground.

Sincerely,

Capt. Wade E. Schaefer  
 State Fire Marshal

D/Lt. David T. Smith, Commander  
 Enforcement Unit

DTS:pw





8330  
FAXED  
8-3-92

AUG -5 92

MICHIGAN STATE POLICE  
FIRE MARSHAL DIVISION-HQ

August 3, 1992

Department of State Police  
Fire Marshal Division  
3705 West Jolly Road  
P.O. Box 30157  
Lansing, MI 48909

To Whom it May Concern:

On behalf of Ludington Redi-Mix of Ludington, Michigan, ASI Environmental Technologies is providing this 30-day notification for the removal of two (2) underground storage tanks (UST) at their Hart, Oceana County, Michigan facility.

<u>Facility Address</u>	<u>Size</u>	<u>Contents</u>
<u>100 State Street</u> P.O. Box 14 Hart, Michigan 49420	1,000-gallon Steel 500-gallon Steel	Diesel Gasoline

This notification is being provided in accordance with 40 CFR 280.71 as required prior to the removal of any registered UST.

If you have any questions or comments, please do not hesitate to contact Thomas Sturrus with Ludington Redi-Mix at (616) 845-7351 or me at (616) 845-0371.

Sincerely,

ASI Environmental Technologies

A handwritten signature in cursive script that reads 'Christopher A. Rohrer'.

Christopher A. Rohrer  
Project Manager/Regulatory Specialist

CAR/talp

pc: Mr. Thomas Sturrus  
Mr. Duane M. Hattem, ASI

KER AUG 07 1992

Michigan State Police  
 Fire Marshal Division  
 Hazardous Materials Section  
 3705 W. Jolly Rd.  
 P.O. Box 30157  
 Lansing, MI 48909  
 (800) 642-4878

\*\*\*\*\*  
 \* INVOICE \*  
 \*\*\*\*\*

June 28, 1990

Page 1 of 1

Fee for Underground Storage Tank registrations received on or before 3-31-90.

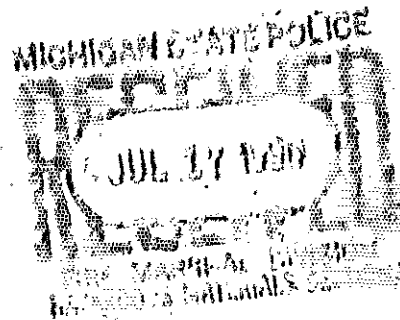
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=====
|TO:                               |PLEASE RETURN TO:
|COUNTY OF OCEANA                 |Michigan State Police
|P.O. BOX 14, 100 STATE ST         |Fire Marshal Division
|HART, MI 49420                   |Hazardous Materials Section
|RE: COUNTY OF OCEANA             |3705 W. Jolly Rd.
|                                   |P.O. Box 30157
|                                   |Lansing, MI 48909
=====
  
```

If there are no changes that need to be made on the registration form, timely payment and return of this invoice will suffice as your FY 1990 (10-1-89 to 9-30-90) annual renewal of your USTs, as required under P.A. 423 of 1984, as amended. Payment due July 30, 1990. For more details, see the enclosed information.

Facility #	Tank #	Description	Cost
0-008330	1	2,000 Gal - Gasoline	\$100.00
0-008330	2	1,500 Gal - Diesel	\$100.00

*Handwritten:* RECEIVED



Number of Eligible Tanks:	2	Registration Fee:	\$ 200.00
Total Number of Tanks:	2	Late Fee:	
		Amount Received:	
		Amount Due:	\$ 200.00

Make Checks Payable to: State of Michigan  
 Payment Due on or Before: JULY 30, 1990

*Handwritten:* ok  
 6/29/90

*Handwritten:* CourtHouse + Grounds  
 821-Other Contractual Services



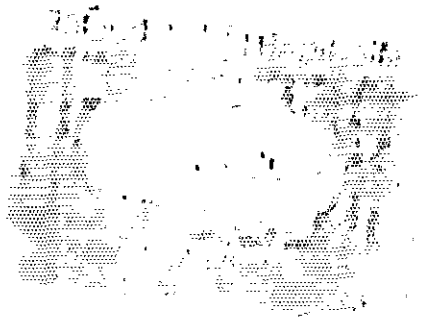
Michigan State Police  
The Bureau of Motor Vehicle  
Registration Section  
P.O. Box 30137  
Lansing, MI 48209  
(313) 841-4375

June 28, 1991

For the undersigned State Tank registrations received on or before 6-30-91.

=====  
TO: Michigan State Police  
Registration Section  
P.O. Box 30137  
Lansing, MI 48209  
FROM: County of Oceana  
P.O. Box 1000  
Oceana, MI 49649  
PLEASE RETURN TO:  
Michigan State Police  
Registration Section  
P.O. Box 30137  
Lansing, MI 48209  
=====  
If there are no changes that need to be made on the registration form timely  
(payment and return of this invoice will suffice as your FY 1991 (11-1-91) so  
(4-1-91) annual renewal of your USTRs as required under P.A. 413 of 1987 as  
provided. Payment due only 6/30/91. For more details see the enclosed  
information.

Facility #	Tank #	Description	Cost
1-1087	1	1987 301 - Diesel	100.00
1-1088	2	1987 301 - Diesel	100.00



Number of Eligible Tanks: 2  
Total Number of Tanks: 2  
Registration Fee: \$100.00  
Late Fee: \$0.00  
Amount Due: \$100.00  
Date Due: 6/30/91

Make checks payable to State of Michigan  
Payment due on or before July 31, 1991

THE ATTACHED WARRANT IS TENDERED YOU HERewith IN FULL SETTLEMENT OF YOUR ACCOUNT AS DETAILED BELOW:

DATE	T E R M S	AMOUNT
7/13/90 35628	Courthouse & Grounds 821 - Other Contr. Serv. Fee for Underground Storage Tank Registrations received on or before 3-31-90 Approved by the Board of Commissioners 7/12/90	\$200.00

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

FOR  
TANKS  
IN  
MI

RETURN  
COMPLETED  
FORM  
TO

Ground Water Quality Division  
Department of Natural Resources  
Box 30157  
Lansing, MI 48909

APR 04 1988

I.D. Number

STATE USE ONLY

008330

Date Received

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

County of Oceana

Street Address

P.O. Box 14, 100 State Street

County

Oceana

City

Hart

State

MI

ZIP Code

49420

Area Code

(616)

Phone Number

873-4835

Type of Owner (Mark all that apply )

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no.)

Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section 1, mark box here )

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

Oceana

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

2

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

Job Title

Area Code

Phone Number

Paul E. Inglis, Oceana County Administrative Assistant

(616)

873-4835

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Paul E. Inglis, Oceana County Admin. Ass't.

Signature

Paul E. Inglis

Date Signed

March 31, 1986

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)						
Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.	
1. Status of Tank (Mark all that apply <input checked="" type="checkbox"/> ) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Estimated Age (Years)	19	19				
3. Estimated Total Capacity (Gallons)	2,000	1,500				
4. Material of Construction (Mark one <input checked="" type="checkbox"/> ) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. Internal Protection (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. External Protection (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. Piping (Mark all that apply <input checked="" type="checkbox"/> ) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply <input checked="" type="checkbox"/> ) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	   <input type="checkbox"/>	   <input type="checkbox"/>	   <input type="checkbox"/>	   <input type="checkbox"/>	   <input type="checkbox"/>	

Michigan State Police  
 Fire Marshal Division  
 Hazardous Materials Section  
 3705 W. Jolly Rd.  
 P.O. Box 30157  
 Lansing, MI 48909  
 (517) 334-7079

\*\*\*\*\*  
 \* INVOICE \*  
 \*\*\*\*\*

May 9, 1991

Page 1 of 1

ANNUAL UST REGISTRATION FEE FOR BILLING CYCLE ENDING 11-30-91

TO:  
 COUNTY OF OCEANA  
 P.O. BOX 14, 100 STATE ST  
 HART, MI 49420  
 RE: COUNTY OF OCEANA

LOCATION ADDRESS:  
 COUNTY OF OCEANA  
 P.O. BOX 14, 100 STATE ST  
 HART, MI 49420

Annual renewal of tanks on record as of 4/17/91. Required by P.A. 423 of 1984, as amended. Failure to pay may subject you to the following penalty: misdemeanor, punishable by imprisonment and/or fines; civil penalties; and may also make you ineligible for access to MUSTFA funds. Please see enclosed letter for an explanation. FM-20 (4/91)

Facility #	Tank #	Description	Cost
0-008330	1	2,000 Gal - Gasoline	\$100.00
0-008330	2	1,500 Gal - Diesel	\$100.00

**PAID**

PAID  
 JUN 20 1991  
 MICHIGAN STATE POLICE  
 FIRE MARSHAL DIVISION  
 HAZARDOUS MATERIALS SECTION

*Cowhouse + Tanks*  
 821-Other Contractual

Number of Eligible Tanks: 2  
 Total Number of Tanks: 2

Registration Fee: \$ 200.00  
 Late Fees:  
 Amount Received:  
 Amount Due: \$ 200.00

Make Checks Payable to: State of Michigan  
 Payment Due on or Before: JUNE 15, 1991

*OK*  
 5/15/91



THE ATTACHED WARRANT IS TENDERED YOU HERewith IN FULL SETTLEMENT OF YOUR ACCOUNT AS DETAILED BELOW:

DATE	I T E M S	AMOUNT
6/17/91	Courthouse & Grounds 821 - Other Contr. Serv.	\$200.00
39931	Annual UST Registration Fee  Approved by the Board of Commissioners 6/13/91.	

DETACH BEFORE PRESENTING FOR PAYMENT

STATE OF MICHIGAN



JOHN ENGLER, GOVERNOR  
DEPARTMENT OF STATE POLICE  
COL. MICHAEL D. ROBINSON, DIRECTOR

HM 025-92  
FIRE MARSHAL DIVISION  
GENERAL OFFICE BUILDING  
7150 HARRIS DRIVE  
LANSING, MICHIGAN 48913  
PHONE: 517 322-1924

COUNTY OF OCEANA  
P.O. BOX 14, 100 STATE ST  
HART, MI 49420

Facility #:0-008330\*921

TX:(616) 873-4835 PAUL INGLIS  
FACILITY NO: 0-008330  
COUNTY OF OCEANA CO:OCEANA  
P.O. BOX 14, 100 STATE ST  
HART, MI 49420  
REC'D: 03-09-92 REM: 04-08-92

Dear UST Owner/Operator:

We have received your notice of intent to permanently close/remove an underground storage tank (UST) system on or after the above closure/removal (REM) date. This approval notice is valid for a six month period, beginning on the closure/removal date indicated.

If your UST is not currently registered (see facility ID# above) with the Fire Marshal Division, you MUST submit a completed registration form with a \$100 per tank fee prior to closure/removal. If or when your UST is properly registered with the Fire Marshal Division, you MUST submit an amended copy of the Michigan UST Registration Form AFTER the system has been properly closed/removed. This will ensure that your tank(s) are removed from the active UST database.

The Michigan Underground Storage Tank rules require that a site assessment be performed to determine if contamination has occurred. Site assessment records MUST be maintained for three (3) years, with a copy forwarded to the Enforcement unit. A site assessment is not required if you report a confirmed release to our office.

The UST must be removed from the ground. Closure in place by cleaning and filling 100% with a solid inert material (sand, concrete, gravel) is only permitted if the UST is located under a building or permanent structure, and removal would cause damage to that structure. It is the responsibility of the owner/operator to make this determination, to document it, and to retain this pertinent information. These requirements do not apply to UST's storing heating oil for consumptive use on the premises. However, the Fire Marshal Division recommends that all UST's that are permanently closed be removed from the ground.

Sincerely,

Capt. Wade E. Schaefer  
State Fire Marshal

D/Lt. David T. Smith, Commander  
Enforcement Unit

DTS:pw  
1/92





# Great Northern Contractors Inc.

150 STEUBENBERG ROAD - MUSKOGON, MICHIGAN 49441 (616) 798 4351

## REMOVAL NOTICE

Underground Storage Tank

FACILITY NO. C-008330

REGION  
DIVISION  
MICHIGAN 48909

### LOCATION OF TANKS:

Owner's Name: C. J. & J. Coaling  
Box 14 100 State St  
City/State/Zip: Oshtemo, Michigan 49440  
Contact Person: Paula Taylor  
Phone Number: (616) 873-4835

### DESCRIPTION OF TANKS:

No. <u>1</u>	Gallons: <u>2,000</u>	Product: <u>Gasoline</u>
No. <u>2</u>	Gallons: <u>4,500</u>	Product: <u>Gasoline</u>
No. _____	Gallons: _____	Product: _____
No. _____	Gallons: _____	Product: _____
No. _____	Gallons: _____	Product: _____
No. _____	Gallons: _____	Product: _____

Great Northern Contractors Inc.

R. W. Stanshane, president

*Handwritten mark*

11 892

**RECEIVED**  
NOV 21 2003  
RRD-MDEO  
GRAND RAPIDS DISTRICT

# Baseline Environmental Assessment

Conducted Pursuant to Section 20126(1)(c) of 1994 PA 451, Part 201 as Amended

504 South Street  
Parcel Number 64-20-732-001-00  
City of Hart, Oceana County, MI 49420

 **ENTERED**

Prepared for  
Mr. Gayle Forner  
PO Box 333  
3480 West Polk Road  
Hart, MI 49420

SITE/CO \_\_\_\_\_  
FILE NAME BEA  
TITLE R/W  
DOCUMENT B2003013136-R

July 31, 2003  
203-0273G



FOR DEQ USE ONLY  
BEA Disclosure # B2003013136R

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT  
(FORM EQP4446(REV.3/99))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

**RECEIVED**  
NOV 21 2003  
GRAND RAPIDS DISTRICT  
BRD-MDEQ

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. Please answer the following questions as completely as possible.

Name and address of submitter\*  
(individual or legal entity):  
Mr. Gayle Forner  
PO Box 333  
3480 West Polk Road  
Hart, MI 49420

Status relative to the property:  
Former Current Prospective  
Owner\*     
Operator\*

Address/location of property where  
BEA was conducted:  
504 South State Street  
City of Hart  
Michigan, 49420

County: Oceana County

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.  
64-20-732-001-00

Contact person: Mr. Gayle Forner Telephone #: 231-873-4119

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ENTERED**

Check the appropriate response to each of the following questions.

1. Is it known that the source of contamination at the property is primarily from any of the following?
- |   |   |                                     |
|---|---|-------------------------------------|
| • A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended. | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>         |
| • A licensed landfill or solid waste management facility.                                     | <input type="checkbox"/>                | <input checked="" type="checkbox"/> |
| • A licensed hazardous waste treatment, storage, or disposal facility.                        | <input type="checkbox"/>                | <input checked="" type="checkbox"/> |
| • Oil and gas development related activities.   | <input type="checkbox"/>                | <input checked="" type="checkbox"/> |

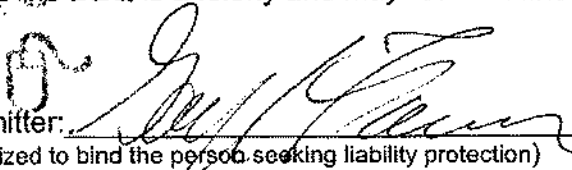
The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:
- |            |                                     |
|------------|-------------------------------------|
| Category N | <input checked="" type="checkbox"/> |
| Category D | <input type="checkbox"/>            |
| Category S | <input type="checkbox"/>            |

3. Is the property at which the BEA was conducted a "facility" as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.
- |     |                                     |    |                          |
|-----|-------------------------------------|----|--------------------------|
| YES | <input checked="" type="checkbox"/> | NO | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

4. Was the BEA conducted\* prior to or within 45 days after the date of purchase\*, occupancy, or foreclosure of the property, whichever is earliest, and completed\* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)? If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES  NO
5. Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure? All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES  NO
6. Are any USTs or abandoned or discarded containers identified in the BEA? If yes, this information must be provided on Form EQP4476. YES  NO
7. Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)? If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES  NO

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

Signature of Submitter:   
 (Person legally authorized to bind the person seeking liability protection)

11-19-03  
Date

Name (Typed or Printed) GAYLE FORNER  
 Title OWNER

# Baseline Environmental Assessment

Conducted Pursuant to Section 20126(1)(c) of 1994 PA 451, Part 201 as Amended

504 South Street

Parcel Number 64-20-732-001-00

City of Hart, Oceana County, MI 49420

Prepared for

Mr. Gayle Forner

PO Box 333

3480 West Polk Road

Hart, MI 49420

July 31, 2003

203-0273G

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Table 2	Summary of Water Analytical Results

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Figure 2	Sample Location Map

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- Appendix II Property Description
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- Appendix IV Sanborn Maps
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- Appendix VII Quarterly Groundwater Monitoring Report – 1<sup>st</sup> Quarter 2002, April 22, 2002 prepared by The Traverse Group
- Appendix VIII Copy of Selected maps from the Site Assessment Report prepared by The Traverse Group
- Appendix IX Laboratory Reports

## **1.0 IDENTIFICATION OF AUTHOR AND DATE BEA WAS COMPLETED**

This Baseline Environmental Assessment was conducted and completed on July 31, 2003 by, or under the direct supervision of Edward A. Higuera, P.E., Prein&Newhof, on behalf of Mr. Gayle Forner, who intends to purchase the Property.

## **2.0 INTRODUCTION**

A Baseline Environmental Assessment (BEA) has been prepared in regard to 504 South State Street, City of Hart, Oceana County, Michigan (hereinafter the "Property"). The Property is further identified by parcel number 64-20-732-001-00. The Property is located on the east side of South State Street and south of Jefferson Street and consists of an approximately 2,200 square-foot building formerly used as a filling station and as an automobile repair shop. This BEA has been prepared for Mr. Gayle Forner to secure an exemption to liability under Section 20126 of Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended ("Act").

The Property has been classified as a "facility" as defined in Section 20101(1) (o) of Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, MCL 324.2010(1) (o) as amended, because lead in soil and 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, toluene, and xylenes in groundwater were identified with concentrations in excess of the Generic Residential Cleanup Criteria.

Because no significant hazardous substance use is intended on the Property at this time, this BEA is based on MDEQ's Technical Standards for a Category N BEA.

## **3.0 PROPERTY DESCRIPTION & INTENDED HAZARDOUS SUBSTANCE USE**

### ***Site Location & Description***

The Property consists of approximately 0.14 acres located in part of the northeast quarter of Section 17, Township 15 North, Range 17 West, City of Hart, Oceana County, Michigan, at the southeast corner of South State Street and Jefferson Street. The approximate location of the



Property is shown on the map included as Figure 1. A survey of the Property is presented in Appendix I. A legal description of the Property is presented in Appendix II.

### ***Current & Past Property Use***

The building on the Property is currently vacant. Formerly, the Property had been a filling station and a service station. The interior portions of the building were inspected on March 26, 2003. The building has a partial basement beneath the northwest corner of the building where a boiler, water tank, and air compressor were observed. The walls of the basement were constructed of field stone. The remaining portions of the building had been used as garage space for the service station. A hydraulic lift was observed near the north end of the building, and walls surrounding the lift were constructed of field stone. Photographs of the Property taken on March 26, 2003 are presented in Appendix III.

The building exterior is constructed of aluminum siding on the north, east and west walls, and concrete block wall on the south wall. Paved concrete was observed west of the building, between the building and South State Street. Patched concrete of the former pump island location was observed to the west of the building. Weeds and grass were observed to the north of the building, and weeds and leaves covering the ground surface were observed to the east of the building. The south wall of the building is located near the south Property line, and a residence was observed to the south of the Property. Two monitor wells, referred to as MW-1 and MW-2 by a previous consultant, were observed to the north of the building, between the sidewalk and Jefferson Street, and an extraction well was observed north of the building, between the building and the sidewalk. A third monitor well, MW-8, was observed on the Property near the southwest corner of the building.

Oily leaves were observed on the ground surface of the Property in two locations to the east of the building. One location was approximately six feet long by two feet wide, and the other was approximately one foot in diameter, and this staining would likely be considered *de minimis* because of the size. These areas were investigated with a shovel. The sandy soil immediately beneath the leaves did not appear to be impacted with oil; therefore, soil samples were not collected.

The past use of the Property was inferred from information presented on Sanborn Maps and information from the City Assessor's files. Copies of the 1910, 1920, 1930 and 1946 Sanborn Maps are shown in Appendix IV. Sanborn Maps for these dates show the Property with a residence and the surrounding properties appear to be residential use. Information from the Hart Tax Assessor's Office was obtained on March 26, 2003 and included in Appendix V. The cards indicate that Farmers Petroleum, Inc. had operated a service station at the Property since at least 1974 and that the building was remodeled in 1975. The date the building was constructed was not provided on the card. The assessor's cards indicate that a hydraulic hoist was located on the Property. The canopy for the pump dispensers, located on the west side of the building, is shown in a photograph with the cards.

The MDEQ website for Leaking Underground Storage Tank sites indicated that three tanks had been installed at the Property in 1961 and that these tanks were removed from the ground. Two other non-registered tanks at the Property were listed on the website, but the date they were installed was not provided.

#### ***Current & Past Hazardous Substance Use***

The Property is currently an abandoned gas station and service station, and the Property is not currently being used for a commercial or retail purpose. Four USTs for gasoline storage, one UST for fuel oil storage, and one UST for waste oil storage had been used at the Property in the past. According to the Site Assessment Report prepared by The Traverse Group in 1988, the six USTs and a pump island were removed from the ground in June 1988. A confirmed release was reported from the registered tanks on June 8, 1988. A Closure Report has not been submitted.

A hydraulic lift was located beneath the garage floor, in an open space with field stone walls. The hydraulic oil tank was also observed in the open space beneath the garage floor. An above ground storage tank was observed in the building staged on concrete and sounded empty.

### ***Intended Hazardous Substance Use***

Mr. Gayle Forner intends to raze the building for a future development that may include residential or commercial purposes. The commercial use may include office or retail purposes. Detailed plans for the future development have not yet been drafted, however. Mr. Forner does not intend to use significant quantities of hazardous substances at the Property.

### **4.0 KNOWN CONTAMINATION**

This section presents evidence that demonstrates that this Property is a "facility" as defined by NREPA Section 20101(o), MCL 324.20101(1)(o), and provides information about the types and concentrations of hazardous substances known or suspected to be present on the Property.

### ***Background Information***

A confirmed release (C-1320-85) at this Property was reported to the Michigan State Fire Marshal, the government body that received confirmed release reports at the time, on June 8, 1988. MDEQ files for this release were reviewed at the MDEQ on March 11, 2003. A Site Assessment Report, shown in Appendix VI, and the Quarterly Groundwater Monitoring Report - First Quarter 2002, the most recent quarterly monitoring report available in the MDEQ files and shown in Appendix VII, were prepared by The Traverse Group and submitted to the MDEQ-STD. A closure report has not been completed for this Property.

As reported in the Site Assessment Report, six underground storage tanks were removed from the Property on June 8 and 9, 1988. According to the Site Assessment Report, Tanks No. 1 through No. 5 had been located north of the building. Tanks No. 1 through 4 stored gasoline and Tank No. 5 stored Fuel Oil. Tank No. 6 had been located to the east of the building near the southeast corner of the building and stored waste oil. According to the Site Assessment Report, after the UST removal approximately 210 tons of contaminated soil were removed from beneath the tanks and the pump island at the Property and transported to White Lake Landfill. The report indicates that the excavated areas were replaced with clean fill sand. Locations of the former USTs and soil confirmation samples and soil removal are shown on the maps in Appendix VIII, which were copied from the Site Assessment Report prepared by The Traverse Group.

The Site Assessment Report indicates that soil confirmation samples were collected from the former pump area and beneath the former USTs, except no soil samples were reportedly collected from beneath Tank No. 5, located adjacent to the north wall of the building. The soil samples were analyzed for BTEX and total petroleum hydrocarbon. The soil samples from beneath Tank No. 1 and Tank No. 6 contained low detections of BTEX at levels below the current Part 201 Generic Residential Criteria. Confirmation soil samples SS-6, SS-7, SS-8 and SS-9, each collected at approximately 12' below grade and beneath the former Tank No. 2, Tank No. 3, and Tank No. 4, contained BTEX compounds at levels that exceed the current Part 201 Generic Residential Criteria.

Monitor wells MW-2, MW-3, and MW-4 were installed in August 1988, and MW-5 was installed in September 1988. Temp wells AH-1, AH-3, AH-4 (then converted to MW-5), AH-5, and AH-6 were sampled in September 1988. During the drilling for the soil borings and for the monitor well installation the aquifer was determined to be approximately 5 feet thick perched on a clay layer encountered at approximately 27 feet below grade. The top of the water table was encountered at approximately 22 feet below grade. The sampling from MW-1 and MW-2, and Temp Wells AH-1, AH-5 and AH-6 confirmed that the groundwater at the Property contained BTEX compounds.

A Corrective Action Plan dated July 19, 1991 completed by The Traverse Group recommended installing a combined groundwater extraction well and soil vapor extraction well and treating the water with a granulated activated carbon (GAC) treatment system with the effluent discharged to the municipal wastewater collection system. The groundwater extraction and treatment system began June 24, 1992 and treated a small amount of water before the well went dry and the system was turned off. On the cover sheet for the Quarterly Groundwater Monitoring Report – 1<sup>st</sup> Quarter 2002, The Traverse Group indicated that no groundwater has been remediated at the Site.

From 1993 to 2002 The Traverse Group completed quarterly groundwater performance monitoring on selected wells. The 1<sup>st</sup> Quarter Performance Monitoring Report dated April 22,

2002 (see Appendix VII) was the most recent report in the MDEQ files, and shows that monitor wells MW-1, MW-2, and MW-8 contained UST VOC constituents in the groundwater at concentrations that exceed the Part 201 Generic Residential Drinking Water Criteria.

### ***Field Activities***

To evaluate and confirm the current "*facility*" status of the Property, groundwater samples were secured on March 26, 2003 from monitor wells MW-2 and MW-8. Monitor well MW-1 was found to be dry, so no water samples were collected from this well. Approximately three well volumes of water were hand bailed from the wells before the samples were collected. The purge water at each location was returned to the well after the sample was collected. The samples were collected for UST VOC testing and placed in a cooler with ice for transportation to the laboratory. The locations of MW-2 and MW-8 are shown on the map identified as Figure 2.

The soil near the hydraulic lift was sampled using a hand auger. The soil was placed in laboratory prepared containers for VOC, PNA and Metals (cadmium, chromium, and lead) testing. The portion of soil for the VOC testing was preserved with methanol. This sample was placed in a cooler with ice for transportation to the laboratory.

A floor drain in the building at the west end had saturated sand with a gasoline odor. This sand was sampled for laboratory testing, but additional investigation into the drain with a hand auger revealed that it had a hard bottom. Therefore, the sample from this drain was not submitted to the laboratory for analytical testing. Based on physical evidence, the sediments in the catch basin are likely contaminated.

### ***Analytical Results***

The soil analytical results are summarized in Table 1. Copies of the laboratory report are included in Appendix IX. The soil sample "Hoist" contained detections of pyrene, and cadmium, chromium, and lead. The concentration of pyrene, cadmium, and chromium did not exceed any applicable Part 201 Generic Residential Criteria. The concentration of lead at 8,520

mg/Kg exceeded its respective Part 201 Generic Residential Drinking Water Protection Criteria of 700 mg/Kg and Direct Contact Criteria of 400 mg/Kg.

The ground water analytical results are summarized in Table 2. Copies of the laboratory report are included in Appendix IX. The water from monitor well MW-2 contained detections of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-methylnaphthalene, naphthalene, ethylbenzene, toluene, and xylenes. The concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, toluene, and xylenes exceeded their respective Part 201 Generic Residential Drinking Water Criteria. The water from monitor well MW-8 contained detections of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-methylnaphthalene, naphthalene, benzene, ethylbenzene, toluene, and xylenes. Benzene and 1,2,4-trimethylbenzene were detected in the water sample from MW-8 at concentrations that exceed their respective Part 201 Generic Residential Drinking Water Criteria.

The CAS numbers for the detected constituents are summarized below:

Constituents	CAS Number
1,2,4-Trimethylbenzene	95636
1,3,5-Trimethylbenzene	108678
2-methylnaphthalene	91576
Benzene	71432
Ethylbenzene	100414
Naphthalene	91203
Toluene	108883
Xylenes	1330207
Pyrene	129000
Cadmium	7440439
Chromium	16065831
Lead	7439921

Based on these analytical results, the Property is classified as a "facility" under Part 201.

### ***Method of Distinguishing Existing Contamination from a Future Release***

Because this BEA is being prepared as a Category N BEA, no significant hazardous substances are to be used at the Property by Mr. Gayle Forner or his tenants. Therefore, the presence of lead, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, toluene, and xylenes in the soil and/or groundwater can be attributed to activities that precede Mr. Gayle Forner's use or ownership.

### **5.0 LIKELIHOOD OF OTHER CONTAMINATION**

Information in reports submitted to the MDEQ for this release and reviewed by Prein&Newhof suggests that the former USTs were the primary source of hazardous substances. Previous testing of soil and groundwater has confirmed the presence of UST related constituents at the Property. Because soil confirmation samples from beneath former Tank No. 5, which reportedly stored fuel oil, were not collected, the possibility of unsaturated soil contamination with concentrations above the Part 201 Criteria cannot be ruled out. In addition, soil confirmation samples beneath Tank No. 6, which reportedly stored waste oil, were analyzed only for BTEX and Total Hydrocarbons; therefore, the possibility that this soil could contain the other parameters commonly tested for waste oil tanks, such as PNAs, PCBs, other VOCs, and Metals (cadmium, chromium and lead), cannot be ruled out.

### **6.0 CONCLUSIONS**

On the basis of the water sampling and analytical testing, Prein&Newhof concludes that this Category N BEA establishes the Property as a "facility" under Part 201. Mr. Gayle Forner does not intend to use or allow the use of significant quantities of hazardous substances at the Property. Therefore, the presence of lead in soil or 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, toluene, and xylenes in groundwater or any other UST related constituent or any other hazardous substance can be attributed to the activities preceding the use and ownership of the Property by Mr. Gayle Forner.

### **7.0 REFERENCES**

The basis for preparing this report is the information presented or referenced in this BEA. Information regarding the Property was obtained from historical sources and personal interviews

as well as the water testing on monitor wells MW-2 and MW-8, and the soil testing of the "Hoist" sample. Information was also obtained from previous reports submitted to the MDEQ including the Farmer's Petroleum Hart Citgo Gas Station, Site Assessment Report, prepared by The Traverse Group and dated October 14, 1988, a Quarterly Groundwater Monitoring Report – 1<sup>st</sup> Quarter 2002, prepared by The Traverse Group and dated April 22, 2002.

## 8.0 ATTACHMENTS

The attachments to this report are included as Appendix I through Appendix IX, as detailed below. This report included Tables 1 and 2, and Figures 1 and 2.

### APPENDICES

- Appendix I Property Survey
- Appendix II Property Description
- Appendix III Photographs of the Property
- Appendix IV Sanborn Maps
- Appendix V City of Hart Assessor Information
- Appendix VI Farmer's Petroleum Hart Citgo Gas Station, Site Assessment Report, October 14, 1988 prepared by The Traverse Group
- Appendix VII Quarterly Groundwater Monitoring Report – 1<sup>st</sup> Quarter 2002, April 22, 2002 prepared by The Traverse Group
- Appendix VIII Copy of Selected maps from the Site Assessment Report prepared by The Traverse Group
- Appendix IX Laboratory Reports



**TABLES**

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The image shows a large, faint, and illegible table or grid of data, possibly representing a map or a complex data set, occupying the lower-left portion of the page. The content is too light and blurry to be transcribed accurately.

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

Sample Location	Part 201 Criteria		Hoist
	Res DW Protection (Leach)	Direct Contact Criteria	0-0.5' Base of Hoist
Sample Depth in feet			0-0.5'
Sample Date			03/26/03
Area Investigated			Base of Hoist
<b>VOCs<sup>1</sup>, µg/Kg</b>			
Method			8260
Date of Analysis			03/07/03
1,2-Dibromoethane	250	250	<52.6
1,2-Dichloroethane	100	91,000	<52.6
1,2,4-Trimethylbenzene	2,100	110,000	<105
1,3,5-Trimethylbenzene	1,800	94,000	<105
Benzene	100	180,000	<52.6
Ethylbenzene	1,500	140,000	<52.6
Methyl-tert-butyl-ether (MTBE)	800	1,500,000	<263
Toluene	16,000	250,000	<52.6
Xylene	5,600	150,000	<105
<b>PNAs, µg/Kg</b>			
Method			8310
Date of Extraction			4/1/2003
Date of Analysis			04/03/03
2-Methylnapthalene	57,000	8,100,000	<3,280
Acenaphthene	300,000	41,000,000	<3,280
Acenaphthylene	5,900	1,600,000	<3,280
Anthracene	41,000	230,000,000	<3,280
Benzo(a)anthracene	NLL	20,000	<3,280
Benzo(a)pyrene	NLL	2,000	<3,280
Benzo(b)fluoranthene	NLL	20,000	<3,280
Benzo(g,h,i)perylene	NLL	2,500,000	<3,280
Benzo(k)fluoranthene	NLL	200,000	<3,280
Chrysene	NLL	2,000,000	<3,280
Dibenzo(a,h)anthracene	NLL	2,000	<3,280
Fluoranthene	730,000	46,000,000	<3,280
Fluorene	390,000	27,000,000	<3,280
Indeno(1,2,3-cd)pyrene	NLL	20,000	<3,280
Naphthalene	35,000	16,000,000	<3,280
Phenanthrene	56,000	1,600,000	<3,280
Pyrene	480,000	29,000,000	5,960
<b>Metals, mg/Kg</b>			
Method			
Cadmium	6	550	4.13
Chromium	30	2,500	20.5
Lead	700	400	8,520

Concentration exceeds Part 201 Generic Residential Groundwater Protection Criteria  
 Concentration exceeds Part 201 Generic Direct Contact Criteria

Notes:  
 1. Criteria obtained from Table 2. Soil: Residential and Commercial I, Part 201 Generic Cleanup Criteria and Screening Levels, of Rule 744 of the Natural Resources and Environmental Protection Act 1994 PA 451 MCL 324.101, as amended, December 2002.  
 NLL= Hazardous substance is *not likely to leach* under most conditions  
 ID = *Insufficient data* to develop criterion.

504 SOUTH STATE STREET  
CITY OF HART, OCEANA COUNTY, MICHIGAN

2030273G

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample Location	MW-2	MW-8	Part 201 Criteria <sup>1</sup>
Sample Date	3/26/03	3/26/03	Residential and Commercial 1 Drinking Water
<b>Volatile Organic Compounds, mg/L</b>			
Method	8260	8260	
Date of Analysis	3/27/03	3/27/03	
1,2-Dibromoethane	<50	<1	1
1,2-Dichloroethane	<50	<1	5
1,2,4-Trimethylbenzene	490	970	63
1,3,5-Trimethylbenzene	135	34	72
2-Methylnaphthalene	175	69	260
Benzene	<50	16	5
Ethylbenzene	310	26	74
Methyl-tert-butyl-ether (MTBE)	<250	<5	40
Naphthalene	340	64	520
Toluene	2,300	62	790
Xylene	2,000	250	280

Notes:

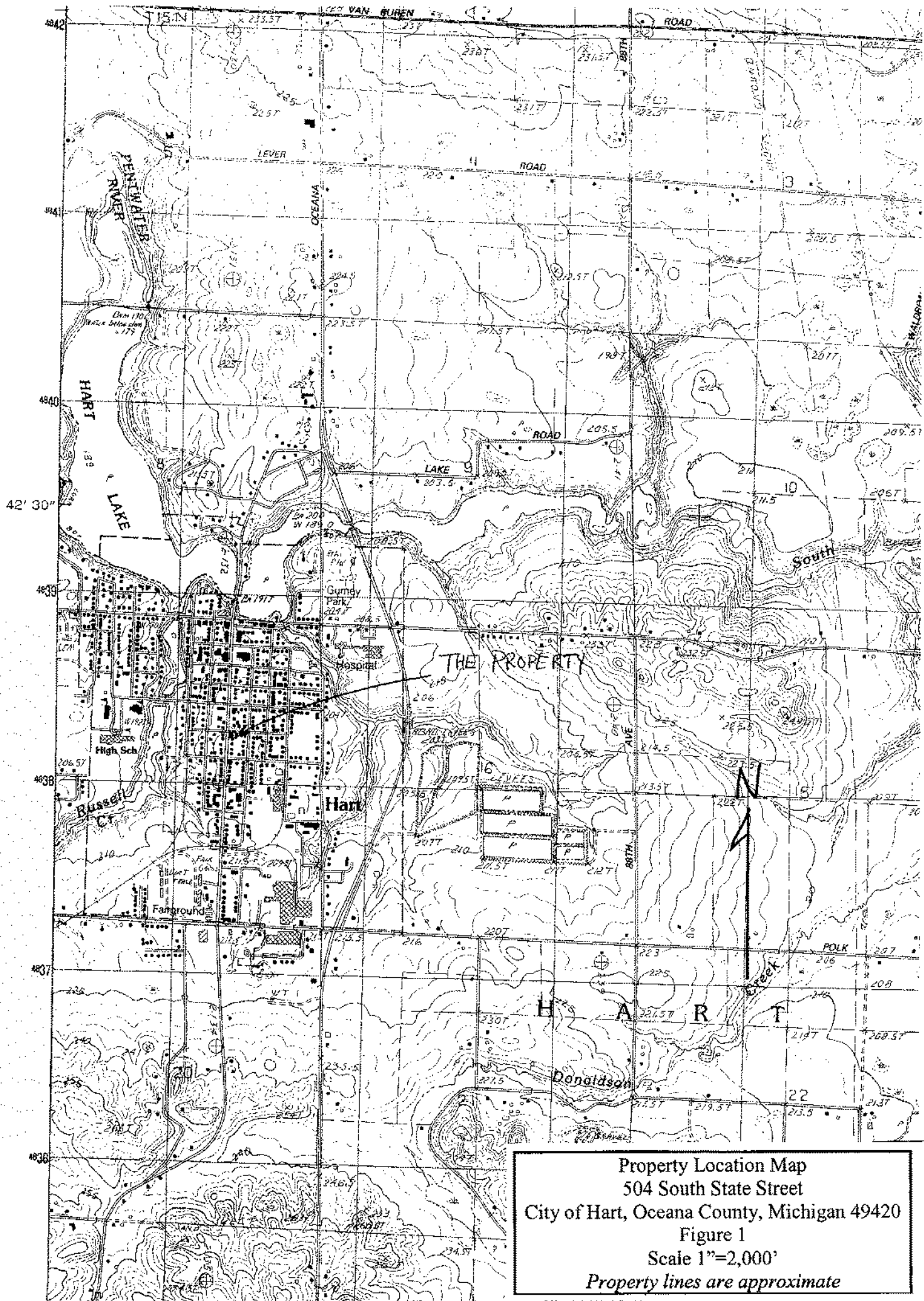
1. Criteria obtained from Table 1. Groundwater: Residential and Industrial-Commercial, Part 201 Generic Cleanup Criteria and Screening Levels of Rule 744 of the Natural Resources and Environmental Protection Act 1994 PA 451 MCL 324.101, as amended, December 2002.

Concentration exceeds Part 201 Generic Residential and Commercial 1 Drinking Water Criteria.

**FIGURES**

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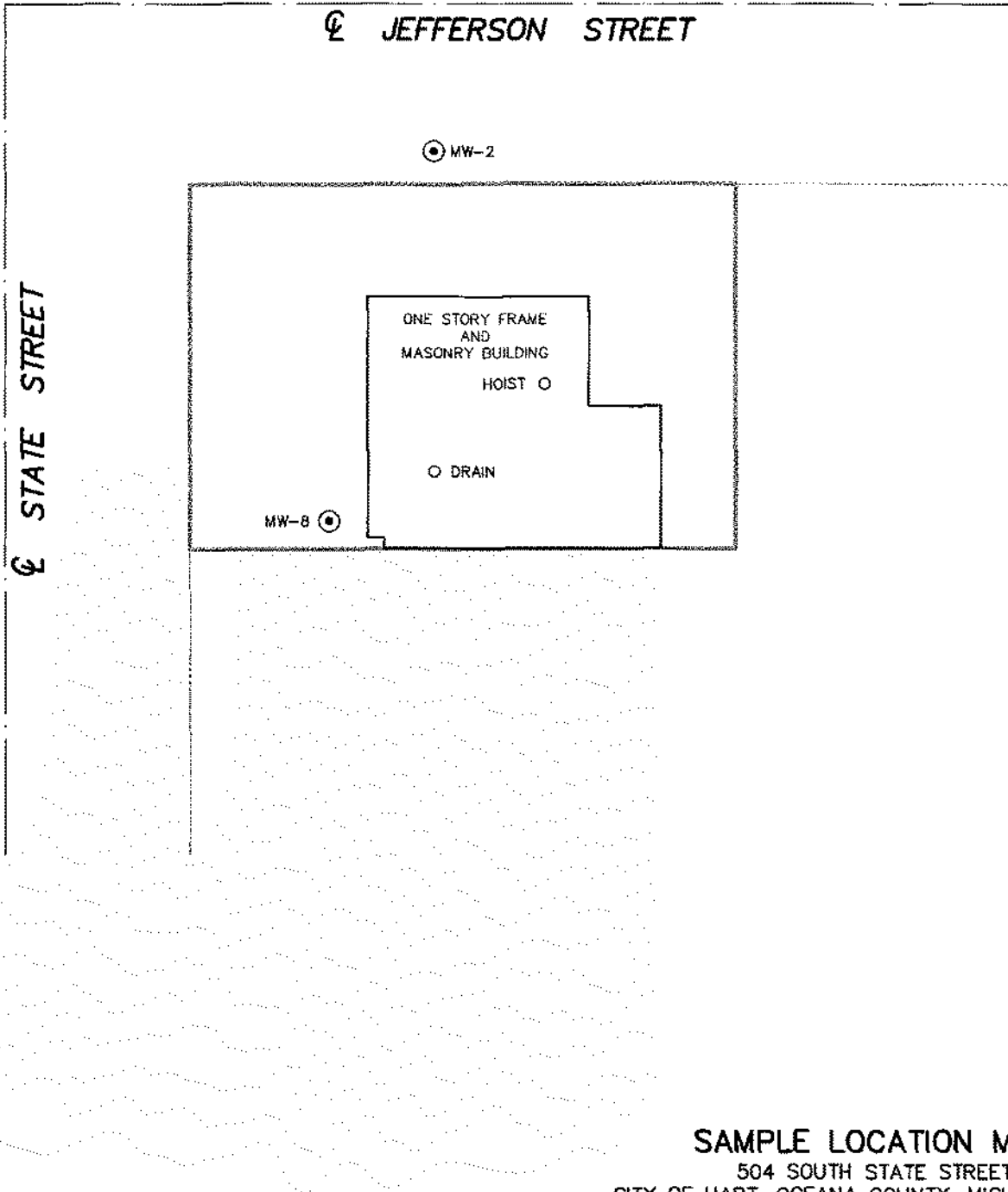


Property Location Map  
 504 South State Street  
 City of Hart, Oceana County, Michigan 49420  
 Figure 1  
 Scale 1"=2,000'  
*Property lines are approximate*

North



SCALE : 1" = 30'



**SAMPLE LOCATION MAP**

504 SOUTH STATE STREET  
CITY OF HART, OCEANA COUNTY, MICHIGAN 49420

FIGURE 2

# Appendix 9

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East side of Building A



East side of Building A





Dumpster south of Building B



West side of Building A



West adjacent residences



South side of Building A



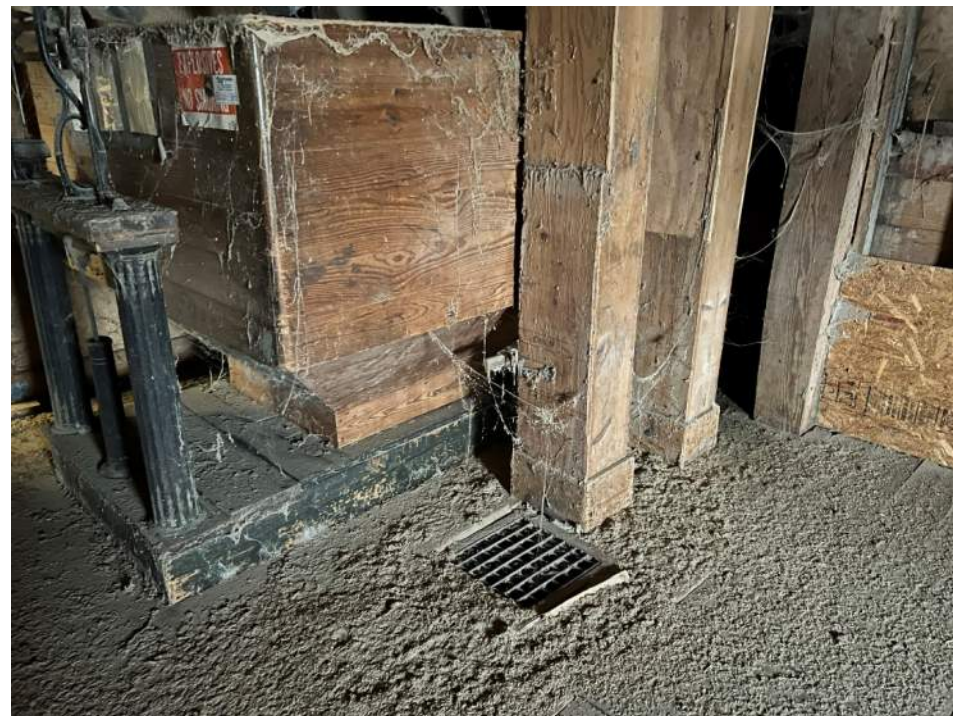
Looking south on south side of Building A



West side of Building D



Former fertilizer storage in Building D



Floor drain in Building A



Drum storage in Building A



Dike containment system between Buildings B and C



Tote storage outside Building C



Fuel and hydraulic fluid storage inside Building C



Building C interior



Typical former storage area



Basement of Building A



Chemical and fluid storage in Building B





Chemical storage in Building B



Empty AST storage in Building B



Electrical box near southwest corner of Subject Property



Foundation of former building west of Building D

# Appendix 10

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<b>PROJECT NAME</b>	Phase I ESA – City of Hart	<b>PROJECT NUMBER</b>	221675
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<b>Question &amp; Response</b>	
Interviewee: Rodney Stevens	
Telephone: 231-742-0241	
Connection with Site: Manager	
Years Familiar with Site:	
7 years	
Current Site Use: none	
Historical Site Use: feed mill. He owned 2 of the houses that were removed. Houses did not use heating oil tanks And were on city sewer and water.	
Current & Past Adjoining/Surrounding Property Use: residential	
Potable Water Supply (city or well): city	
Knowledge of Current or Former Wells: no	
Location:	
Has the well(s) been sampled (if so any concerns in the results)	
Sewage Disposal (city or septic): city	
Any process wastewater, besides sanitary wastewater from sinks/restrooms, if so what types: no	
4 Liquid fert tanks, never leak, foundation coating	
Any knowledge of past wastewater discharges: no	
Knowledge of Current or Former Septic Systems (locations if applicable): no	
Hazardous Substance/Petroleum Products Storage or Use, if so please summarize what types and quantities:	
Fertilizers, gasoline and diesel	
Any Current Storage Tanks in use; or Knowledge of Former Storage Tanks (buried or above ground):	
No; had a GPR done to investigate historic 550 gallon tank and didn't find any signs of a UST so assumed it was removed.	
Size(s): 550 gallon	Content:
Any Knowledge of Releases, if so what was Released and Volume: none	

<b>Question &amp; Response</b>
Knowledge of any other Spill or Releases of Hazardous Substances/Petroleum Products, if so Describe:
no
Have you Observed any Abandoned Drums/Tanks/Other Containers, if so describe: no
Any Fires on the Property, if so Describe: no
Knowledge of Fill Soil on Property or Adjacent Properties: filled former house basements with clean sand fill When houses were removed.
Any Knowledge of PCB Containing Equipment (electrical transformers/old hydraulics): no
Fuel Source for Heat (natural gas, electric, LPG, fuel oil): natural gas
Any Floor Drains or Sumps, and Their Discharge Point: floor drains in buildings
Any Pits, Ponds, or Lagoons (current or former) on the property, if so Describe: no, just the dike in the former Liquid fertilizer AST area for containment; never any releases
Current Solid Waste/Trash Practices: recycling and trash
Any Knowledge of Former Waste Practices: no
Any Hazardous Waste Generated on the Property: no
<b>Knowledge of Site-Specific Documents:</b>
Prior Phase I ESAs: no
Prior Soil and/or Groundwater Sampling: no
Environmental Permits: no
Storage Tank Registration: no
Employee Right-to-Know Program, Safety Data Sheets (SDSs): no
Environmental Spill Plans: no
Hydrogeological Reports: no
Correspondence from Regulatory Agencies: no
Hazardous Waste Notices or Reports: no
Geotechnical Studies: no
Any Environmentally Related Legal Proceedings Involving the Property: no

# Appendix 11

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## MELISSA HUNTER

### GEOLOGIST

Melissa's experience includes numerous field- and office-related activities in the environmental consulting industry. She has been involved with multiple methods of groundwater, surface water, soil, and wastewater sampling. Her field work includes groundwater sampling using low-flow and traditional approaches, collection and analysis of various field data, soil sampling, well and soil boring installation, and sub-slab vapor pin installation and sampling. She is experienced in the operation and maintenance of sampling equipment and instrumentation related to groundwater, soil, and soil vapor sampling (i.e., peristaltic pump, bladder pumps, hand bailer, multi probe meters, PID meter, helium leak test, etc.).

Melissa has completed data analysis/interpretation and report writing for Phase I and II ESAs, BEAs, Due Care Plans, UST closures, quarterly groundwater monitoring reports, and proposal writing. Her experience also includes compliance management and remedial system operation and maintenance.

### YEARS OF EXPERIENCE

1 year — Fishbeck  
9 years — total

### EDUCATION

BS in Geology, Western Michigan University

### REGISTRATIONS/ CERTIFICATIONS

HAZWOPER Site Worker

Certified Industrial or Commercial Wastewater Treatment Plant Operator, Classifications: A-2d (air stripping) and B-1b (neutralization), State of Michigan

### TRAINING

Geological Field Camp, Western Michigan University

ASTM Phase I and II Environmental Site Assessments for Commercial Real Estate Training

## EXPERIENCE

### ENVIRONMENTAL DUE DILIGENCE (PHASE I AND II ESA, BEA, DUE CARE PLANS)

- Bradford White, Middleville, Michigan
- PlazaCorp Realty Advisors, Kalamazoo, Michigan
- Callander Commercial, Portage, Michigan
- Horizon Bank, Portage, Michigan
- Kalamazoo County Land Bank Authority, Kalamazoo, Michigan
- AVB Inc., Portage, Michigan
- RAI Jets, Portage, Michigan
- Confidential Client, Portage, Michigan
- Paw Paw Brewing Company, Paw Paw, Michigan

## GROUNDWATER MONITORING

### INDUSTRIAL SUPERFUND SITE | ST. JOSEPH, MICHIGAN

Quarterly monitored well, monthly effluent, and groundwater treatment system sampling activities.

### CONFIDENTIAL CLIENT | LAWTON, MICHIGAN

Monitored well and effluent sampling of sanitary waste discharges to a constructed wetland system, as well as ongoing permit compliance management.

### VARIOUS CLIENTS | MIDWEST, UNITED STATES

Performed annual, biannual, and quarterly groundwater monitoring events, using low-flow sampling methods, for various clients. Client business practices deal with industrial and agriculture activities. Sampling field practices provided chemical and hydrologic data on the extent and concentration of the chemical plume as well estimations on transport times.



## **MELISSA HUNTER**

GEOLOGIST

### **REMEDIATION**

#### **INDUSTRIAL SUPERFUND SITE | ST. JOSEPH, MICHIGAN**

Groundwater extraction and treatment system operations and maintenance. The project involved an onsite treatment system to remove chlorinated solvents from the groundwater. The system consisted of a groundwater pump and treat system with a soil vapor extraction, air stripper, and catalytic oxidation system.

#### **COMMERCIAL SITE | DOWAGIAC, MICHIGAN**

Operation and maintenance associated with a soil vapor extraction system for removal of contaminants.

#### **VARIOUS CLIENTS | MICHIGAN, UNITED STATES**

Operation and maintenance of vapor intrusion mitigation systems, including installation of soil vapor probes, soil vapor sampling using a helium leak test, and monitoring system efficiency in sub-slab depressurization systems.

### **DRILLING**

#### **VARIOUS CLIENTS | MICHIGAN, UNITED STATES**

Oversight of drilling activities of temporary and permanent monitor well and piezometer installation for groundwater monitoring, sampling, and determination of subsurface flow direction.

### **UST**

#### **VARIOUS CLIENTS | MICHIGAN, UNITED STATES**

Provided oversight during activities related to UST removal and closures.

### **LANDFILLS**

#### **VARIOUS LANDFILLS | MICHIGAN, UNITED STATES**

Groundwater, leachate, and gas monitoring associated with active and closed paper waste landfills.





## TODD CAMPBELL, CPG

### SENIOR GEOLOGIST

Todd's environmental consulting and management experience includes ESAs, aquifer pumping tests, slug tests, surveying, UST closures, geoprobe drilling, lagoon surface sampling, sludge sampling, private and municipal water supply development, and remedial system installation and start-up for air sparging, SVE, dual-phase extraction, and pump and treatment systems.

His responsibilities include providing technical support interpreting data and report writing for Phase I and II ESAs, BEAs, due care plans, UST closures, quarterly groundwater monitoring reports, RAPs, hydrogeological reports, no further action reports, and proposal writing.

Todd has been involved with numerous UST closures throughout the Midwest. He has taken several sites from UST closure through initial site characterization phases and has successfully implemented CAPs. As project geologist/manager for many of these projects, he was responsible for schedule, budget control, communication, sampling, and reporting.

### YEARS OF EXPERIENCE

21 years — Fishbeck

27 years — total

### EDUCATION

BS in Geophysics, Western Michigan University

### REGISTRATIONS/ CERTIFICATIONS

Certified Professional Geologist - American Institute of Professional Geologists

Certified UST Professional

HAZWOPER Site Worker

HAZWOPER Supervisor

### MEMBERSHIPS

American Institute of Professional Geologists

National Groundwater Association

Portage Economic Development Corporation/Tax Increment Finance Authority and Brownfield Redevelopment Authority

### TRAINING

The Groundwater Sampling Field Course, Nielsen Environmental Field School, Inc.

Chemical Cleaning Disinfection and Redevelopment of Water Wells, Johnson Screens

## EXPERIENCE

### STORMWATER

#### CITY OF PORTAGE, MICHIGAN

##### STORMWATER TREATMENT ENHANCEMENT PROJECT (STEP)

Provided quarterly monitoring of the Westnedge area including collection of stormwater at several locations upstream of the treatment ponds, throughout the treatment ponds, and downstream of the treatment ponds for filed parameters to determine STEP effectiveness.

### GENERAL WATER SUPPLY

#### CITY OF ALMA, MICHIGAN

Project geologist responsibilities included oversight of pilot boring, installation of Type I production well, surveying, step testing, transducer set up for pump testing, client communication, and reporting.

#### GREAT SPRING WATERS OF AMERICA | STANWOOD, MICHIGAN

Sampled four production wells located in the sanctuary for bacteria prior to production startup.

#### CITY OF CEDAR SPRINGS, MICHIGAN

- Project geologist responsibilities included oversight of soil borings, observation well installation, step testing, installation of Type I production well, development, and reporting.
- Project geologist responsibilities included oversight of installation of a private residential drinking water well. The well was double-cased to prevent contaminants from a shallow aquifer to migrate into a deeper, confined aquifer where the well screen was set.

#### CONFIDENTIAL CLIENT | HASTINGS, MICHIGAN

Installed a test well and completed a short-term aquifer test to be used to design a Type II well and fire suppression well.



## **TODD CAMPBELL, CPG**

SENIOR GEOLOGIST

### **TRAINING**

Michigan Qualified UST  
Consultants and Certified  
Professionals Seminar

Risk-Based Corrective Action  
Applied at Petroleum Release  
Sites, ASTM

### **CONFIDENTIAL CLIENT | SOUTH LYON, MICHIGAN**

Installed two test wells and completed short-term aquifer tests to be used to design a Type II well and fire suppression well.

### **VILLAGE OF BALDWIN, MICHIGAN**

Project geologist responsibilities included oversight of soil borings; installation of observation wells; short-term pump test; pilot boring for Type I production well, surveying, and sampling; and communication with the district health department, MDEQ, and the client.

### **PALL LIFE SCIENCES | ANN ARBOR, MICHIGAN SCHUMASOIL SCREEN STUDY**

Project geologist duties included setup and completion of a study to determine marketability of the Pall Schumasoil screens in the environmental groundwater sampling market. The study included installation of four monitoring wells, aquifer testing, groundwater monitoring, and aquifer analysis.

### **ENVIRONMENTAL DUE DILIGENCE (PHASE I AND II ESAS, BEAS, DUE CARE PLANS)**

- Aggregate Industries, Battle Creek, Michigan
- Western Michigan University, Kalamazoo, Michigan
- Western Michigan University, Battle Creek, Michigan
- Bradford White, Niles, Michigan
- FEMA Corporation, Otsego, Michigan
- Chemical Bank
  - Kalamazoo, Michigan
  - Coloma, Michigan
  - Marion, Michigan
- Confidential Client, Portage, Michigan

### **CONSUMER'S CONCRETE | NEWAYGO, MICHIGAN**

Project geologist responsibilities included oversight of Geoprobe sampling activities, soil and groundwater sampling, surveying, and reporting.

### **AGGREGATE INDUSTRIES | PAW PAW, LAWRENCE, CASSOPOLIS, AND EDWARDSBURG, MICHIGAN**

Project geologist responsibilities included oversight of excavation and Geoprobe sampling activities, soil and groundwater sampling, surveying, and subsequent Phase II reporting.

### **ETHANOL PLANT | SOUTH BEND, INDIANA**

Activities included completion of soils borings, communication with client, and split sampling with the Indiana Department of Environmental Management.

### **FORMER PERFORMANCE PAPER | KALAMAZOO, MICHIGAN**

Field work consisted of an ash and fill delineation and characterization.

### **PLATING FACILITY | NILES, MICHIGAN**

Activities included completion of soil borings/monitoring wells, soil and groundwater sampling, surveying, and reporting.

### **RESISTOR MANUFACTURING FACILITY | DECATUR, INDIANA**

Activities included completion of soil borings/monitoring wells, sampling, slug testing and analysis, surveying, potentiometric maps, and technical writing support.

### **MANUFACTURING FACILITY | FAIRMOUNT, WEST VIRGINIA**

Activities included research of local geology and hydrogeology; determination of soil boring and monitoring well locations and completion depths; geologic characterization; mapping; surveying;

## **TODD CAMPBELL, CPG**

SENIOR GEOLOGIST

potentiometric map; and subsequent Phase II ESA report. The results of the Phase II ESA allowed successful property transfer.

### **MANUFACTURING FACILITY | TARBORO, NORTH CAROLINA**

Project management/geologist activities included research of local geology and hydrogeology; determination of soil boring and monitoring well locations and completion depths; geologic characterization; soil and groundwater sample collection; mapping; surveying; potentiometric map, and subsequent Phase II ESA report. The results of the Phase II ESA allowed successful property transfer.

### **G AVENUE | RICHLAND, MICHIGAN**

Evaluation of shallow soils; set up a random sampling grid and collected 20 soil samples.

## **GROUNDWATER MONITORING**

- Kalamazoo Oil, Kalamazoo, Michigan
- Bradford White Corporation, Middleville, Michigan
- Borroughs Corporation, Kalamazoo, Michigan
- Pall Life Sciences, Ann Arbor, Michigan
- Former Pall Aeropower, Pinellas Park, Florida

## **REMEDATION**

### **AEROSOL MANUFACTURING FACILITIES | ELKHART, INDIANA**

Project geologist activities included soil and groundwater sampling, well installation, surveying, reporting, and installation of remedial systems (air sparging and SVE).

### **PALL LIFE SCIENCES | ANN ARBOR, MICHIGAN**

Project geologist responsibilities included delineation oversight of 1,4-Dioxane impact to the groundwater for several aquifers, geologic characterizations, surveying, and oversight of geophysical methods (natural gamma log, resistivity). Duties also included preparing isoconcentration maps, potentiometric contour maps, and providing support for quarterly reports submittal, and several work plans to the MDEQ. Additional activities included supervision of drillers, coordination of field drilling activities, well rehabilitation, and the setup, completion, and analysis of aquifer pumping tests.

### **FORMER PALL AEROPOWER | PINELLAS PARK, FLORIDA**

Project geologist responsible for oversight of drilling 210 injection wells, 30 monitoring wells (including 15 double-cased) and 19 SVE wells. Duties also included geologic characterizations and groundwater monitoring, supervision of drillers, and coordination of field drilling activities.

### **FORMER TELEDYNE SEMICONDUCTOR/ SPECTRA PHYSICS SITE | MOUNTAIN VIEW, CALIFORNIA**

Activities consisted of the injection of EOS into injection wells.

### **SANDY SUPPLY SITE | WOOSTER, OHIO**

Delineated and characterized the source area of a site impacted by a release of trichloroethene.

### **DRAKE ROAD AND WEST MICHIGAN AVENUE SITE | KALAMAZOO, MICHIGAN**

Preparation and submittal of a no further action report related to soil and groundwater impacts by a historic release of chlorinated solvents.

## **UST**

### **TRUCKING TERMINALS | MILWAUKEE, WISCONSIN**

Proposal development, oversight of UST closure activities, excavation of impacted soils, confirmatory sampling, site investigation, reporting, and subsequent closure of two facilities.

**TODD CAMPBELL,  
CPG**

SENIOR GEOLOGIST

**FORMER GAS STATION | PLYMOUTH, INDIANA**

Soil and groundwater investigation including installation of monitoring well network, and quarterly groundwater sampling, and reporting.

**HISTORIC GAS STATION | BATTLE CREEK, MICHIGAN**

Project management and proposal development for UST closure activities.

**HURON-CLINTON METROPOLITAN AUTHORITY | MILFORD, MICHIGAN  
KENSINGTON METROPARK**

Project management, proposal development, oversight of UST closure activities, administered initial assessment report preparation, and submittal and preparation of final assessment report.

**METRO BEACH METROPARK | HARRISON TOWNSHIP, MICHIGAN**

Project management, proposal development, oversight of UST closure activities, and administered the preparation and submittal of the initial assessment and closure reports.

**TRUCKING FACILITY | PLYMOUTH, INDIANA**

Oversight of UST closure activities, excavation of impacted soils, confirmatory sampling, initial site characterization (soil and groundwater investigation), CAP, and CAP implementation. Responsibilities also included quarterly sampling and reporting.

**TRUCKING TERMINAL | INDIANAPOLIS, INDIANA**

Oversight of UST closure activities, excavation of diesel-impacted soils, and confirmatory sampling.

**TRUCKING TERMINAL | TOLEDO, OHIO**

Oversight of UST closure activities, excavation of diesel-impacted soils, and confirmatory sampling.

**TRUCKING FACILITY | ST. LOUIS, MISSOURI**

Oversight of UST closure activities, excavation of diesel-impacted soils, sampling, and regulator communication.

**PETROLEUM COMPANY | INDIANA**

Oversight of UST closure activities, excavation of impacted soils, application of oxygen release compound, confirmatory sampling, initial site characterization (soil and groundwater investigation), CAP, and CAP implementation for several former gas stations throughout northern and central Indiana. Responsibilities also included quarterly sampling of several sites, completion of bioremediation sampling, assisting with the installation of remedial systems, set up and completion of pilot studies (air sparging and SVE), and reporting.

**FORMER CHARLES SERVICES | KALAMAZOO, MICHIGAN**

Oversight of UST closure activities, installation of monitoring well network, vertical groundwater profiling with hollow-stem auger drilling rig and Geoprobe, surveying, installation of extraction well, quarterly groundwater sampling, surveying, and completion of RAP.

**PETROLEUM REFINERY | LEMONT, ILLINOIS**

Quarterly groundwater sampling of large monitoring well network throughout the refinery. Sampling included collection of samples from over 20 wells.

**MEL'S MARKET | BERRIEN SPRINGS, MICHIGAN**

Oversight of UST closure activities, excavation of impacted soils, and verification of soil remediation sampling.

**RALPH MOYLE, INC. | MATTAWAN, MICHIGAN**

Oversight of UST closure activities and soil sampling.

**FORMER SPEAREFLEX FACILITY | KALAMAZOO, MICHIGAN**

**TODD CAMPBELL,  
CPG**

SENIOR GEOLOGIST

Oversight of excavation and VSR sampling.

**SOFT DRINK COMPANY | ROLLING MEADOWS, ILLINOIS**

Project management/geologist responsibilities included proposal development, budget control, oversight of UST closure activities, excavation of diesel-impacted soils, confirmatory sampling, and reporting.

**MAINTENANCE GARAGE | ANGOLA, INDIANA**

Project manager/geologist for a LUST site. A petroleum hydrocarbon plume was identified near a municipal well. Duties included reporting, budget control, schedule, reporting, quarterly sampling, oversight of dual-phase product recovery system, slug testing, and completion of an aquifer pumping test. Reporting responsibilities included initial abatement/site characterization, CAP, and quarterly CAP progress.

**WELCH'S | LAWTON, MICHIGAN**

Duties included oversight of UST closure activities, excavation of impacted soil, removal of impacted groundwater, confirmatory sampling, geologic characterizations, groundwater monitoring, and closure reporting.