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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
LUJI	ieaking underground storage tank

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MDLARA MDNR	Michigan Department of Licensing and Regulatory Affairs 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)¹. 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.

¹ 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 <u>http://www.mcgi.state.mi.us/environmentalmapper/</u>, 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 <u>Remediation and Redevelopment Division Enforcement Actions - Perfected Lien List</u> (michigan.gov), 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		
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 ga	
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
	Residential, including:	
	4 East Main Street	
North	10 East Main Street	None Observed
	14 East Main Street	
	16 East Main Street	
	Residential (19 Courtland Street)	
South	Residential (25 Courtland Street)	None Observed
South	Commercial/light industrial property of unknown use	None Observed
	(17 Washington Street)	
East	Hart Pizza (105 East Main Street)	None Observed
Last	Unaddressed vacant parcel	
	Residential, including:	
	3 Water Street	
	7 Water Street	
West	11 Water Street	None Observed
	15 Water Street	
	19 Water Street	
	23 Water Street	

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 <u>http://websoilsurvey.nrcs.usda.gov/app/</u>, 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:

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

Standard Historical Sources Reviewed

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.	

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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 (<u>http://www.mcgi.state.mi.us/environmentalmapper/</u>) 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:

Melissa Anter

Melissa R. Hunter, E.P.

Assessment Reviewed By:

del C. Campbell

Todd C. Campbell, CPG

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

Appendix 1

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 effective ness 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 proper ties 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 CER CLA 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 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 reason ably 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 §§ 69016992k) 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 Environ mental 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 CER CLA 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 review able 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 substances or petroleum products in, on, or at the substances or petroleum products in, on, or at the 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 environ mental 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 OS HA'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.

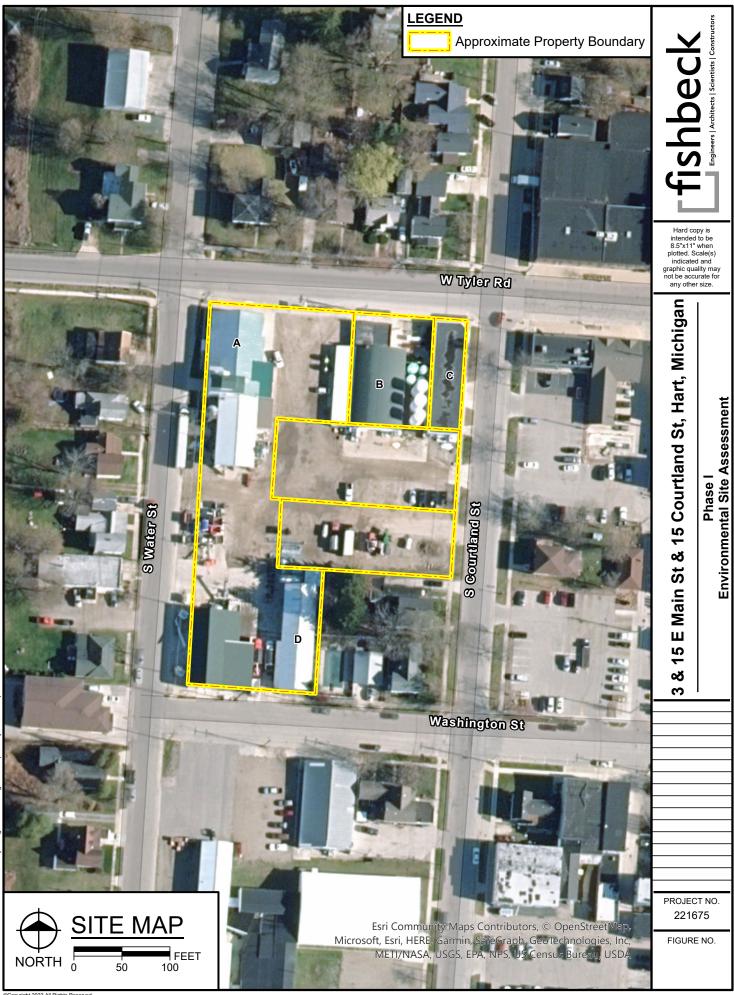
Zoning/land use records – those records of the local government of areas encompassing the subject property indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps or written records.

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

Appendix 2



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Appendix 3

User Questionnaire



ASTM Standard Practice E1527-21

PROJECT NAME Phase I ESA – City of Hart		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? \Box Yes *If yes, explain.* \boxtimes 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? I Yes *If yes, explain.* X

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? oxtimes Yes *If yes, describe.* \Box 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? \square Yes *If yes, describe.* \square 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 Kl	einer (TIFA Secretary)
Signature: Why	hlippin
Date: 11/22/2022	



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 Westshore.net

04496-0001

August 26, 2021

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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	
64-020-207-004-00	3 East Main Street
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		0.361 acres
64-020-207-004-00	3 East Main Street	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., unplottable 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.

Parcel ID/Address	Owner	Size and Property Class	Notes:
020-207-001-00 3 East Main Street	North Central Cooperative Inc.	1.455 acres Commercial- Improved	 3,200 ft² – Warehouse 1,300 ft² – Warehouse 3,840 ft² – Equipment Bldg. 3,510 ft² –Fertilizer Storage Bldg. 2,736 ft² – Equipment Bldg. 611 ft² – Utility Bldg. 176 ft² – Steel Grain Bin
020-207-004-00 3 East Main Street	North Central Cooperative Inc.	0.311 acres Commercial- Improved	4,950 ft ² - Warehouse
020-207-004-50 3 East Main Street	North Central Cooperative Inc.	0.361 acres Commercial- Improved	3,168 ft ² - 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 Oceana County Equalization online records for the Subject are summarized in the table below.

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 northwest corner 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).

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

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

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 leanto, 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. 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

<u>08/26/2021</u> Date

08/26/2021

Adam D. Mulling Project Geologist 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

Certifications and Training

- ASTM Risk Based Corrective Action
- Brownfield Redevelopment & Environmental Due Diligence
- Contract and Project Management
- Environmental Regulation and Groundwater Monitoring

YEARS IN PROFESSION - 36

- 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 (H₂S) 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.

Pavlowsky, 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

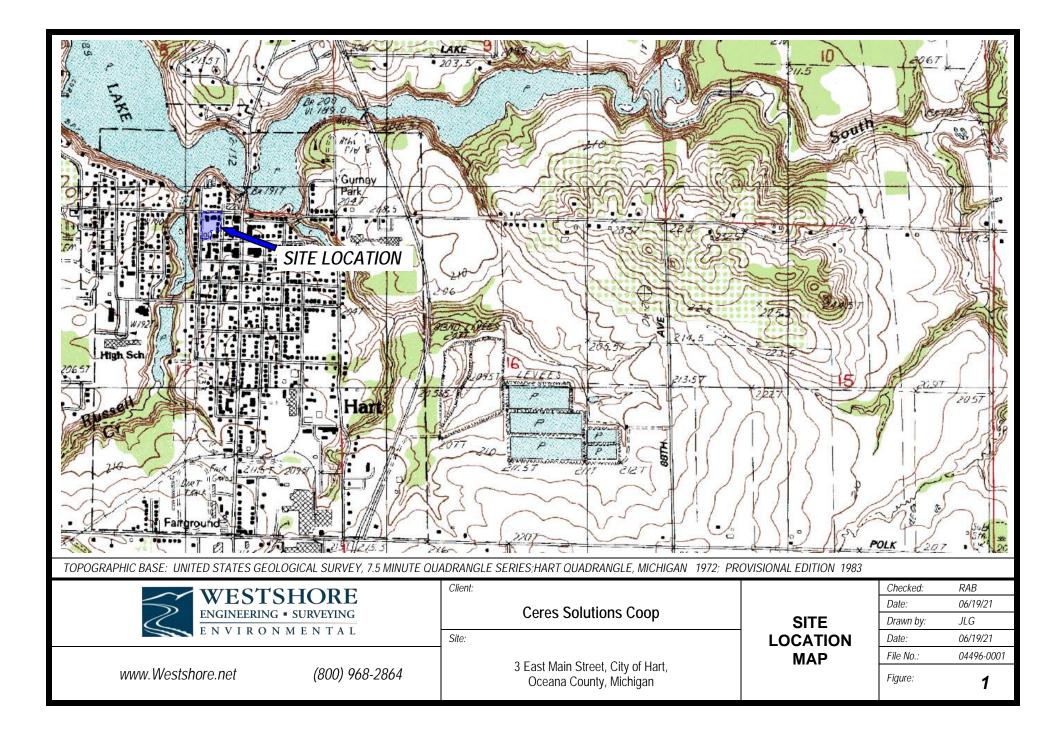
- Groundwater Monitoring and Sampling
- Surface water Monitoring and Sampling
- Soil Descriptions and Sampling
- Vapor Intrusion Investigations and Sampling
- Environmental Investigations and Site Assessments (Phase I, II, BEA, and Due Care Plans)
- Closure Reports for Sites Regulated under Parts 201 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:

- <u>Asbestos</u>: 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.
- <u>Lead-Based Paint</u>: 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 leadbased paint on or beneath the surface.

Figures

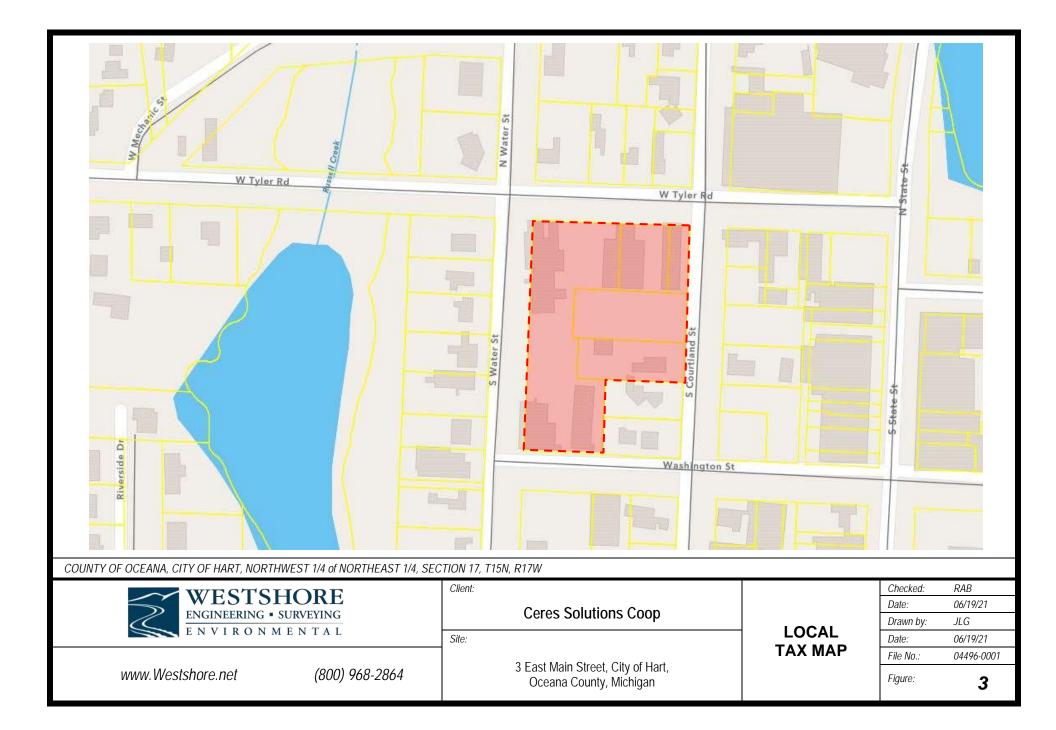






Streetview Image Looking Northwest from Courtland Street

WESTSHORE	Client:		Checked:	RAB
ENGINEERING • SURVEYING	Ceres Solutions Coop	2018	Date:	06/19/21
ENVIRONMENTAL	Ceres solutions coop	AERIAL	Drawn by:	JLG
	Site:	PHOTO &	Date:	06/19/21
www.Westshore.net (800) 968-2864	3 East Main Street, City of Hart,	STREETVIEW	File No.:	04496-0001
	Oceana County, Michigan		Figure:	2



Appendix A

Photographs

Subject Property - Grain Elevator	1	Subject Property	2	Subject Property	3	3
Subject Property - ASTs	4	Subject Property - ASTs	5	Subject Property	6	5
Site: 3 East Main Street, 15 East Main Street, and Client: Ceres Solutions Coop.	d 15 C	ourtland Street, Hart, Oceana County, Michigan		File No.: Photos By: Date:	04496-0001 Adam Mulling 07/02/21	
WESTSHORE ENGINEERING & SURVEYING ENVIRONMENTAL		Muskegon, MI (231) 777-3447		Westshore.net (800) 965-2864		

Subject Property	7	Subject Property	8	Subject Pro	perty - Truck Scale	9
Subject Property - Petroleum ASTs	10	Subject Property - DEF AST	11	Subject Prop	erty - Oils/Lubricants	12
Site: 3 East Main Street, 15 East Main Street, an Client: Ceres Solutions Coop.	d 15 C				File No.: 04496-0 Photos By: Adam M Date: 07/02/	ulling
WESTSHORE ENGINEERING & SURVEYING ENVIRONMENTAL		Muskegon, MI (231) 777-3447		Westsh (800) 96	ore.net 55-2864	

	X					
Subject Property - Herbicide/Pesticide Bldg	13	Subject Property - Herbicide/Pesticide ASTs	14	Subject Property - C)ils/Lubricants	15
Subject Property - Petroleum Bldg Dock	16	Subject Property - Maintenance Room/Bay	17	Subject Property - Re		18
Site: 3 East Main Street, 15 East Main Street, ar Client: Ceres Solutions Coop.	nd 15 Co	burtland Street, Hart, Oceana County, Michigan			Photos By: Ad	496-0001 am Mulling 07/02/21
WESTSHORE ENGINEERING & SURVEYING ENVIRONMENTAL		Muskegon, MI (231) 777-3447		Westshore.net (800) 965-2864		

Appendix B

Legal Description & Local Municipal Records

3 E MAIN ST HART, MI 49420 (Prope Parcel Number: 020-207-001-00	rty Address)	
	Property Owner: NORTH CENTRAL COOP	PERATIVE INC
Error Loading Image	Summary Information Commercial/Industrial Building Summary Yr Built: N/A - # of Buildings: 6 Total Sq.Ft.: 15,197	> Assessed Value: \$166,200 Taxable Value: \$128,660
Item 1 of 10 9 Images / 1 Sketch	 Property Tax information found 	

Owner and Taxpayer Information

FREMONT, MI 49412

General Information for Tax Year 2021

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

	Total Fronta	age: 480.00 ft		Average Do	epth: 132.00 ft
Lot 1		480.00 ft			132.00 ft
Lot(s)		Frontage			Depth
Lot Dimensions/Comments	No Data to Display	Neighbor	rhood Enterprise Zone	No	
ECF Neighborhood	COMMERCIAL DOWNTOWN	Mortgage	e Code	No Data to Display	
Renaissance Zone	No	Renaissar	nce Zone Expiration Date	No Data to Display	
Land Value	\$120,000	Land Imp	provements	\$931	
Zoning Code	MAIN ST	Total Acr	es	1.455	

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

Date Created	No Data to Display	Unallocated Div.s Transferred	Not Available
Acreage of Parent	0.00	Rights Were Transferred	No
Split Number	0	Courtesy Split	No
Parent Parcel	No Data to Display		

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)

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

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

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

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

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

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

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

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

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

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

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

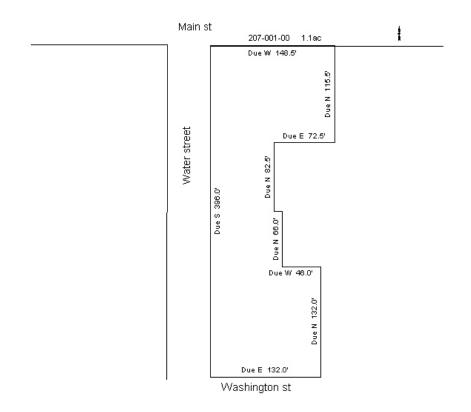
Floor Area	611 sq ft	Estimated TCV	\$9,668
Occupancy	Shed - Utility Light Commercial Bu	ilding Class	D,Pole
Stories Above Ground	1	Average Story Height	10 ft
Basement Wall Height	0 ft	Identical Units	1
Year Built	No Data to Display	Year Remodeled	No Data to Display
Percent Complete	100%	Heat	No Heating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

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

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

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



Sketch by Apex IVTM

**Disclaimer: BS&A Software provides BS&A Online as a way for municipalities to display information online and is not responsible for the content or accuracy of the data herein. This data is provided for reference only and WITHOUT WARRANTY of any kind, expressed or inferred. Please contact your local municipality if you believe there are errors in the data.

3 E MAIN ST HART, MI 49420 (Pro Parcel Number: 020-207-004-00	perty Address)	
	Property Owner: NORTH CENTRAL COOP	PERATIVE INC
Error Loading Image	Summary Information > Commercial/Industrial Building Summary - Yr Built: N/A - # of Buildings: 1 - Total Sq.Ft.: 4,950 > Property Tax information found	> Assessed Value: \$28,500 Taxable Value: \$21,495
Item 1 of 5 5 Images / 0 Sketches		

Owner and Taxpayer Information	Owner	and	Taxpayer	Information
--------------------------------	-------	-----	----------	-------------

Owner	NORTH CENTRAL COOPERATIVE INC 2025 S WABASH STREET PO BOX 299 WABASH. IN 46992	Taxpayer	SEE OWNER INFORMATION

General Information for Tax Year 2021

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

Zoning Code		Total Acres	0.311
Land Value	\$25,600	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	COMMERCIAL DOWNTOWN	Mortgage Code	No Data to Display
Lot Dimensions/Comments	No Data to Display	Neighborhood Enterprise Zone	No
Lot(s)		Frontage	Depth
Lot 1		82.50 ft	132.00 ft
Lot 2		20.00 ft	132.00 ft
	Total Fronta	ge: 102.50 ft	Average Depth: 132.00 ft

Legal Description

. 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.

Land Division Act Information

Date of Last Split/Combine

```
No Data to Display
```

Not Available

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

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)

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

**Disclaimer: BS&A Software provides BS&A Online as a way for municipalities to display information online and is not responsible for the content or accuracy of the data herein. This data is provided for reference only and WITHOUT WARRANTY of any kind, expressed or inferred. Please contact your local municipality if you believe there are errors in the data.

3 E MAIN ST HART, MI 49420 (Prope Parcel Number: 020-207-004-50	erty Address)	
	Property Owner: NORTH CENTRAL COOP	PERATIVE INC
Error Loading Image	Summary Information > Commercial/Industrial Building Summary - Yr Built: 1945 - # of Buildings: 1 - Total Sq.Ft: 3,168 > Property Tax information found	> Assessed Value: \$31,800 Taxable Value: \$30,318
Item 1 of 9 7 Images / 2 Sketches		

Owner and Taxpayer Information

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

Property Class	COMMERCIAL-IMPROVED	Unit	020 CITY OF HART	
School District	HART PUBLIC SCHOOL DISTRICT	Assessed Value	\$31,800	
MAPNUMBER	No Data to Display	Taxable Value	\$30,318	
PREVIOUS CPI	0	State Equalized Value	\$31,800	
WORK CODES	Р	Date of Last Name Change	06/16/2020	
USER ALPHA 3	No Data to Display	Notes	Not Available	
Historical District	No	Census Block Group	No Data to Display	
MLS VALUE	No Data to Display	Exemption	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	\$29,900	\$29,900	\$29,900
2019	\$29,500	\$29,500	\$29,378
2018	\$31,100	\$31,100	\$28,690

Land Information

	Total Fronta	ge: 143.00 ft		Average D	epth: 110.00 ft
Lot 1		143.00 ft			110.00 ft
Lot(s)		Frontage			Depth
Lot Dimensions/Comments	No Data to Display	Neighborho	od Enterprise Zone	No	
ECF Neighborhood	COMMERCIAL DOWNTOWN	Mortgage Co	ode	No Data to Display	
Renaissance Zone	No	Renaissance	Zone Expiration Date	No Data to Display	
Land Value	\$35,800	Land Improv	rements	\$1,425	
Zoning Code		Total Acres		0.361	

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

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

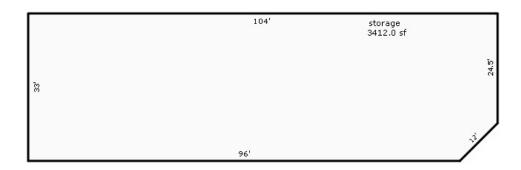
Acreage of Parent	0.00	Rights Were Transferred	No
Split Number	0	Courtesy Split	No
Parent Parcel	No Data to Display		

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)

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

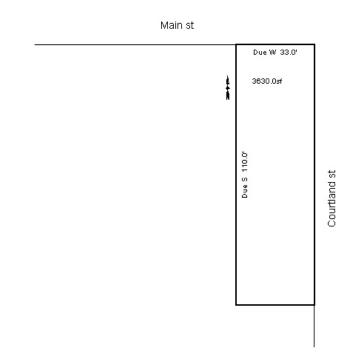
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Sketch by Apex Medina™

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



Sketch by Apex IV™

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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
TIF	Summary Information Assessed Value: \$9,300 Taxable Value: \$8,416 Property Tax information found
Item 1 of 1 1 Image / 0 Sket	hes

Parcel is Vacant

Owner and Taxpayer			
Owner	NORTH CENTRAL COOPERATIVE INC 720 W MAIN FREMONT, MI 49412	Taxpayer	SEE OWNER INFORMATION

General Information for Tax Year 2021

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

Principal Residence Exemption Information

Homestead Date

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

	Total Fro	ontage: 82.50 ft	Average Depth: 188.00 ft
Lot 1		82.50 ft	188.00 ft
Lot(s)		Frontage	Depth
Lot Dimensions/Comments	No Data to Display	Neighborhood Enterprise Zone	No
ECF Neighborhood	RESIDENTIAL	Mortgage Code	No Data to Display
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
Land Value	\$18,600	Land Improvements	\$0
Zoning Code		Total Acres	0.356

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
```

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

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	WESTRIENEN/FREMONT	21-NOT USED	2101:009858	NOT TYP

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15 COURTLAND ST HART, MI 494 Parcel Number: 020-207-008-00	20 (Property Address)	
	Property Owner: CERES SOLUTIONS	
Error Loading Image	Summary Information Assessed Value: \$7,100 Taxable Value: \$6,489 	> Property Tax information found

Parcel is Vacant

Owner and Taxpayer I			
Owner	CERES SOLUTIONS 720 W MAIN FREMONT, MI 49412	Taxpayer	SEE OWNER INFORMATION

General Information for Tax Year 2021

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

Zoning Code		Total Acres	0.270	
Land Value \$12,400		Land Improvements	\$1,824	
Renaissance Zone No		Renaissance Zone Expiration Date	No Data to Display	
ECF Neighborhood	eighborhood RESIDENTIAL Mortgage Code		No Data to Display	
Lot Dimensions/Comments	No Data to Display	Neighborhood Enterprise Zone	No	
		1		
Lot(s)		Frontage	E	
Lot 1		66.00 ft	178.	
	Total Fr	ontage: 66.00 ft	Average Depth: 178.0	

Legal Description

. WD922409 QC-L2011P25345 CITY OF HART LOT 8 & 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
```

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

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	2020426 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,*

q.

	ople, Healthy Col			Public	Act 4	42 of 19	976, M(CL 1	5.231, et seq.	
foia@dhd10.org	n traditi di deni di Solo 🧌 🖓		one: (231	l) 355-755	2			Fa	ıx: (231) 689-	7382
FOIA Request Fo	orm									
	are not require	ed to use this	form. DHD i	#10 may comp	lete on	e for reco	ordkeepi	ing if	fnot used.	
<u>Note</u>: If you are requesting may be eligible to use the E										y, you
Requestor <i>Please ty</i>	pe or print									
Name					Phone	<u>}</u>				
Firm/Organization					Fax					
Street					Email					
City					State		Z	ip		
Request for	Сору	Certified C	Сору	Record	Inspec	tion			oscription to record ued on regular basis	
Delivery Method	Will Pick Up	Mail to add	dress above	e Email t	o addre	ss above	;	Fax	x to number above	
	Requestor	to photo/scan	onsite	Deliver Preferre	on digit d Media	tal media :	n provideo	d by	DHD#10	
<i>Note:</i> DHD#10 is not require	d to provide record	ls in a digital for	mat or on digi	tal media if DHD#	±10 does 1	not already	v have the	techno	ological capability to d	lo so.
Public Records Req	uested	1	Ye	ou may use thi	s form a	or attach	additior	nal sł	heets	
Environmental Healt	th Records	Parcel #				County		٦	Township	
REQUIRED INFOR	MATION	Street Address					(City		
Other Records/Addit	tional Inforn	nation – des	cribe as spe	ecifically as pos	ssible					
Requestor's Signature							Date			
	inal and provid			0			o Reques	tor a	it no charge	
Date Received	Log #		Response D	ue Date	Receiv E	ed Via Email	Fa	ах	Mail	
Received By	Forwarded To		Release Date	e	l	n Person	0	ther N	Viethod	
Released By				No. Pages	Date de	e <u>livered</u> to j	junk/spam		Date <u>discovered</u> in junk	/spam

	Consent to Non-Statutory Extension of DI is or a subscription to records or the opportunity to inspect seq. I understand that DHD#10 must respond to this reques s day extension.	records, pursuant to the Michigan Free	
However, I hereby agree	e and stipulate to extend DHD#10's response time for this re-	equest until:	(month, day, year).
Requestor's Signature		Date	
time the request is made are exer If the FOIA coordinator knows or	Records Located on We Iministers or maintains an official internet presence, any pu mpt from any labor charges to redact (<i>separate exempt info</i> has reason to know that all or a portion of the requested info that all or a portion of the requested information is available	blic records available to the general pu ormation from non-exempt information. formation is available on its website, D) HD#10 must notify the
separate the requested public rec additional charge to receive copie	specific webpage address where the requested information cords that are available on its website from those that are no es of the public records that are available on its website.	ot available on the website and must ir	nform the requestor of the
or her in a paper format or other form use a fringe benefit multiplier greater	address for a record in its written response to the Requestor and n, including digital media, DHD#10 must provide the public record than the 50%, not to exceed the actual costs of providing the info	s in the specified format (if DHD#10 has the	
I hereby stipulate that, even if sor	n of Records on the DHD#10 Website me or all of the records are located on the DHD#10 website in the format I have requested above. I understand that some		copies of those records on the
Requestor's Signature		Date	
	Overtime Labor Cos		
Overtime wages shall not be incl cost itemization form.	uded in the calculation of labor costs unless overtime is sp	becifically stipulated by the requestor	and clearly noted on the detailed
Consent to Overtime Labor Co. I hereby agree and stipulate to DI 1. Labor to copy/du	HD#10 using overtime wages in calculating the following lal	to redact 3b . Contract la	
Requestor's Signature		Dete	
		Date	
individual who is entitled to inform		Indigence out charge for the first \$20.00 of the	e fee for each request by an
individual who is entitled to inform 1) Submits an affidavit	nade and a copy of a public record must be furnished with	Indigence out charge for the first \$20.00 of the public assistance, OR	e fee for each request by an
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the	nade and a copy of a public record must be furnished with nation under this act and who: stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence.	
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the	nade and a copy of a public record must be furnished with nation under this act and who: stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the n the same public body twice during th p are offering or providing payment or o	e public body's written response. Nat calendar year, other remuneration to the
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the with outside parties in	nade and a copy of a public record must be furnished with nation under this act and who: is stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific ee reduction if ANY of the following apply: previously received discounted copies of public records from tests the information in conjunction with outside parties who request. A public body may require a statement by the requ	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the n the same public body twice during th are offering or providing payment or o uestor in the affidavit that the request i	e public body's written response. Nat calendar year, other remuneration to the
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the with outside parties in	nade and a copy of a public record must be furnished with nation under this act and who: t stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific ee reduction if ANY of the following apply: previously received discounted copies of public records from tests the information in conjunction with outside parties who request. A public body may require a statement by the requ exchange for payment or other remuneration.	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the n the same public body twice during th are offering or providing payment or o uestor in the affidavit that the request i	e public body's written response. Nat calendar year, other remuneration to the
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the with outside parties in I am submitting an affidavit and reference I am submitting an affidavit and I am affidavit and I am affidavit and I am a affidavit and I am affidavit and I am a a affidavit and I am a a a affidavit and I am a affidavit and I am a a a a a a a a a a a a a a a a a	nade and a copy of a public record must be furnished with nation under this act and who: t stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific ee reduction if ANY of the following apply: previously received discounted copies of public records from tests the information in conjunction with outside parties who request. A public body may require a statement by the requ exchange for payment or other remuneration.	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the n the same public body twice during th o are offering or providing payment or o uestor in the affidavit that the request is OIA request.	e public body's written response. Nat calendar year, other remuneration to the
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the with outside parties in I am submitting an affidavit and re Requestor's Signature Office Use A public record search must be man organization formally designated by Protection and Advocacy for Individ (i) Is made directly on b (ii) Is made for a reason 330.1931. (iii) Is accompanied by	nade and a copy of a public record must be furnished with nation under this act and who: t stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific ee reduction if ANY of the following apply: previously received discounted copies of public records from request. A public body may require a statement by the requeschange for payment or other remuneration. equesting that I receive the discount for indigence for this F <u>Affidavit Received</u> <u>Request for Discount: Nonprofit</u> de and a copy of a public record must be furnished without cha t the state to carry out activities under subtitle C of the Develop uals with Mental Illness Act, if the request meets ALL of the foll ehalf of the organization or its clients. In wholly consistent with the mission and provisions of those law documentation of its designation by the state, if requested by C	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the o are offering or providing payment or o uestor in the affidavit that the request i OIA request. Date Eligible for Discount Organization rge for the first \$20.00 of the fee for each mental Disabilities Assistance and Bill of owing requirements: s under section 931 of the Mental Health MDHD	e public body's written response. nat calendar year, other remuneration to the s not being made in conjunction Ineligible for Discount n request by a nonprofit Rights Act of 2000 and the n Code, 1974 PA 258, MCL
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the with outside parties in I am submitting an affidavit and re Requestor's Signature Office Use A public record search must be mar organization formally designated by Protection and Advocacy for Individ (i) Is made directly on b (ii) Is made for a reasor 330.1931. (iii) Is accompanied by I stipulate that I am a designated age	nade and a copy of a public record must be furnished with nation under this act and who: t stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific ee reduction if ANY of the following apply: previously received discounted copies of public records from request. A public body may require a statement by the requeschange for payment or other remuneration. equesting that I receive the discount for indigence for this F <u>Affidavit Received</u> <u>Affidavit Received</u> <u>the state to carry out activities under subtile C of the Develop</u> uals with Mental Illness Act, if the request meets ALL of the foll ehalf of the organization or its clients. In wholly consistent with the mission and provisions of those law	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the o are offering or providing payment or o uestor in the affidavit that the request i OIA request. Date Eligible for Discount Organization rge for the first \$20.00 of the fee for each mental Disabilities Assistance and Bill of owing requirements: s under section 931 of the Mental Health MDHD d that this request is made directly on bel	e public body's written response. hat calendar year, other remuneration to the s not being made in conjunction Ineligible for Discount Ineligible for Discount h request by a nonprofit Rights Act of 2000 and the h Code, 1974 PA 258, MCL half of the organization or its clients
individual who is entitled to inform 1) Submits an affidavit 2) If not receiving publ If a Requestor is ineligible for the An individual is ineligible for this f (i) The individual has p (ii) The individual requ individual to make the with outside parties in I am submitting an affidavit and re Requestor's Signature Office Use A public record search must be mar organization formally designated by Protection and Advocacy for Individ (i) Is made directly on b (ii) Is made for a reasor 330.1931. (iii) Is accompanied by I stipulate that I am a designated age	nade and a copy of a public record must be furnished with nation under this act and who: t stating that the individual is indigent and receiving specific ic assistance, stating facts showing inability to pay the cost discount, the public body shall inform the requestor specific ee reduction if ANY of the following apply: previously received discounted copies of public records from request. A public body may require a statement by the requeschange for payment or other remuneration. equesting that I receive the discount for indigence for this F <u>Affidavit Received</u> <u>Request for Discount: Nonprofit</u> de and a copy of a public record must be furnished without cha t the state to carry out activities under subtitle C of the Develop uals with Mental Illness Act, if the request meets ALL of the foll ehalf of the organization or its clients. In wholly consistent with the mission and provisions of those law documentation of its designation by the state, if requested by C gent for the nonprofit organization making this FOIA request and	Indigence out charge for the first \$20.00 of the public assistance, OR because of indigence. cally of the reason for ineligibility in the o are offering or providing payment or o uestor in the affidavit that the request i OIA request. Date Eligible for Discount Organization rge for the first \$20.00 of the fee for each mental Disabilities Assistance and Bill of owing requirements: s under section 931 of the Mental Health MDHD d that this request is made directly on bel	e public body's written response. hat calendar year, other remuneration to the s not being made in conjunction Ineligible for Discount Ineligible for Discount h request by a nonprofit Rights Act of 2000 and the h Code, 1974 PA 258, MCL half of the organization or its clients

Kellie Ghezzi

From:Charlotte Ryder <cryder@dhd10.org>Sent:Friday, July 2, 2021 3:47 PMTo:Adam MullingSubject:records requestAttachments: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

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	90
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

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

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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 (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 Tranverse 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: Version Date: 6066034 HART, MI 2014

West Map: Version Date:

6066036 MEARS, MI 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140923
Source:	USDA

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

Click on Map ID to see full detail.

MAP		ADDRESS		RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
ID A1	SITE NAME CERES SOLUTIONS COOP	3 E MAIN ST	DATABASE ACRONYMS FINDS	ELEVATION	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

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

Click on Map ID to see full detail.

N/	Δ	P

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	227 EAST MAIN STREET	227 EAST MAIN STREET	INVENTORY	Lower	777, 0.147, East
F41	GREINERS GARAGE	311 E MAIN ST	UST	Lower	925, 0.175, East
42	HART PUBLIC SCHOOLS	300 JOHNSON ST	LUST, UST	Higher	1333, 0.252, SSE
G43	100 SOUTH UNION STRE	100 SOUTH UNION STRE	BEA	Higher	1397, 0.265, ESE
G44	100 SOUTH UNION STRE	100 SOUTH UNION STRE	INVENTORY	Higher	1397, 0.265, ESE
H45	FARMERS PETROLEUM CO	504 S STATE ST	LUST, UST, BROWNFIELDS, INVENTORY	Higher	1601, 0.303, South
H46	504 SOUTH STATE STRE	504 SOUTH STATE STRE	BEA	Higher	1601, 0.303, South
H47	504 SOUTH STATE STRE	504 SOUTH STATE STRE	INVENTORY	Higher	1601, 0.303, South
l48	DAVES PARTY STORE	408 WOOD ST	LUST, INVENTORY, Financial Assurance	Higher	2278, 0.431, SSE
149	DAVES PARTY STORE	408 WOOD ST	INVENTORY	Higher	2278, 0.431, SSE
150	STOKELY USA INC	409 WOOD ST	LUST, UST, NPDES, WDS	Higher	2308, 0.437, SSE
51	GRISWOLD STREET AT J	GRISWOLD STREET AT J	INVENTORY	Higher	2585, 0.490, ESE
52	HART PRISONER-OF-WAR		FUDS	Higher	4331, 0.820, SSW
53	OCEANA CO RD COMM HA	3501 WEST POLK ROAD	INVENTORY, PART 201	Higher	4858, 0.920, South

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/ HIST FTTS Database: HIST FTTS INSP, Date of Government Version: ~	
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/ HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 7	
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

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 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

Federal RCRA generators list

RCRA-LQG	RCRA - Large Q	uantity Generators
RCRA-SQG	RCRA - Small Q	uantity Generators

Federal institutional controls / engineering controls registries

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

US CDL	National Clandestine Laboratory Register
	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

SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA	2020 Corrective Action Program List Toxic Substances Control Act Toxic Chemical Release Inventory System
RMP	
	RCRA Administrative Action Tracking System
	Potentially Responsible Parties
	PCB Activity Database System
	Integrated Compliance Information System
MLTS	Material Licensing Tracking System
	Steam-Electric Plant Operation Data
	Coal Combustion Residues Surface Impoundments List
	PCB Transformer Registration Database
	Radiation Information Database
INDIAN RESERV	Superfund (CERCLA) Consent Decrees
	Formerly Utilized Sites Remedial Action Program
UMTRA	
LEAD SMELTERS	Lead Smelter Sites
	Aerometric Information Retrieval System Facility Subsystem
US MINES.	
ABANDONED MINES	
UXO	
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	_ EPA Fuels Program Registered Listing
	Permit and Emissions Inventory Data
ASBESTOS	
DRYCLEANERS	
	Financial Assurance Information Listing
LEAD	
	Underground Injection Wells Database
WDS	
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HART POWER PLT Site ID: 0503174	100 WATER ST	SW 0 - 1/8 (0.006 mi.)	B13	32
EPA Id: MID980993000				

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.

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

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIGHT OF WAY Release Status: Closed Substance Release: Gasoline Facility Id: 50005385	108 S COURTLAND ST	SSE 0 - 1/8 (0.042 mi.)	C16	38
HART EZ MART Release Status: Open Substance Release: Unknown Facility Id: 00008478	223 S STATE ST	SSE 1/8 - 1/4 (0.144 mi.)	E39	72
HART PUBLIC SCHOOLS Release Status: Closed Substance Release: Unknown Facility Id: 00035597	300 JOHNSON ST	SSE 1/4 - 1/2 (0.252 mi.)	42	75
FARMERS PETROLEUM CO Release Status: Open Facility Id: 00004787	504 S STATE ST	S 1/4 - 1/2 (0.303 mi.)	H45	79
DAVES PARTY STORE Release Status: Open Substance Release: Gasoline Facility Id: 00035885	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	148	83
STOKELY USA INC Release Status: Closed	409 WOOD ST	SSE 1/4 - 1/2 (0.437 mi.)	150	85

Facility Id: 00004355

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

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIGHT OF WAY Database: UST, Date of Government V Facility Type: CLOSED Facility Id: 50005385 Tank Status: Removed from Ground	108 S COURTLAND ST /ersion: 07/20/2020	SSE 0 - 1/8 (0.042 mi.)	C17	39
COUNTY OF OCEANA Database: UST, Date of Government V Facility Type: CLOSED Facility Id: 00008330 Tank Status: Removed from Ground	100 S STATE ST /ersion: 07/20/2020	SE 0 - 1/8 (0.083 mi.)	36	61
HART EZ MART Database: UST, Date of Government V Facility Type: ACTIVE Facility Id: 00008478 Tank Status: Removed from Ground Tank Status: Currently In Use	223 S STATE ST /ersion: 07/20/2020	SSE 1/8 - 1/4 (0.144 mi.)	E38	65
Lower Elevation	Address	Direction / Distance	Map ID	Page
HART EZ MART Database: UST, Date of Government V Facility Type: CLOSED Facility Id: 00003366 Tank Status: Removed from Ground	3 N STATE ST /ersion: 07/20/2020	E 0 - 1/8 (0.047 mi.)	D18	40
STATE STREET ROW Database: UST, Date of Government V	45 N STATE ST /ersion: 07/20/2020	ENE 0 - 1/8 (0.065 mi.)	D25	48

Facility Type: CLOSED Facility Id: 00042522 Tank Status: Removed from Ground				
MERSKIN & MERSKIN PC Database: UST, Date of Government Facility Type: CLOSED Facility Id: 00001715 Tank Status: Closed in Ground	26 N STATE ST Version: 07/20/2020	ENE 0 - 1/8 (0.072 mi.)	D31	51
FORD GARAGE Database: UST, Date of Government Facility Type: CLOSED Facility Id: 00040604 Tank Status: Removed from Ground	151 W MAIN ST Version: 07/20/2020	W 0 - 1/8 (0.082 mi.)	35	59
GREINERS GARAGE Database: UST, Date of Government Facility Type: CLOSED Facility Id: 00012024 Tank Status: Removed from Ground	311 E MAIN ST Version: 07/20/2020	E 1/8 - 1/4 (0.175 mi.)	F41	73

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

A review of the AST list, as provided by EDR, and dated 02/08/2021 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LARSONS SONS Facility Id: 92064054 Removed/Closed Date: 11/03/2014 Removed/Closed Date: 10/23/2006 Tank Status: Removed from Premises	4 LINCOLN ST	SSW 0 - 1/8 (0.068 mi.)	26	48
FARMERS PETROLEUM Facility Id: 92064003 Removed/Closed Date: 12/08/2003 Tank Status: Removed from Premises	17 E MAIN ST	E 0 - 1/8 (0.077 mi.)	D33	54

State and tribal institutional control / engineering control registries

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

A review of the AUL list, as provided by EDR, and dated 11/23/2020 has revealed that there is 1 AUL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERSKIN & MERSKIN PC Facility ID: 00001715	26 NORTH STATE STREE	ENE 0 - 1/8 (0.072 mi.)	D32	53

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FARMERS PETROLEUM CO	504 S STATE ST	S 1/4 - 1/2 (0.303 mi.)	H45	79
Database: BROWNFIELDS, Date	of Government Version: 01/15/2016			
Facility Id: 00004787				

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.

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

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
101 SOUTH WATER STRE <i>HART EZ MART</i> Facility ID: 00008478	101 SOUTH WATER STRE 223 S STATE ST	SW 0 - 1/8 (0.013 mi.) SSE 1/8 - 1/4 (0.144 mi.)	B14 E39	33 72
100 SOUTH UNION STRE Facility ID: 64000107	100 SOUTH UNION STRE	ESE 1/4 - 1/2 (0.265 mi.)	G44	79
FARMERS PETROLEUM CO Facility ID: 00004787	504 S STATE ST	S 1/4 - 1/2 (0.303 mi.)	H45	79
504 SOUTH STATE STRE DAVES PARTY STORE Facility ID: 64000110	504 SOUTH STATE STRE 408 WOOD ST	S 1/4 - 1/2 (0.303 mi.) SSE 1/4 - 1/2 (0.431 mi.)	H47 I48	83 83
DAVES PARTY STORE Facility ID: 00035885	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	149	84
GRISWOLD STREET AT J Facility ID: 64000109	GRISWOLD STREET AT J	ESE 1/4 - 1/2 (0.490 mi.)	51	88
Lower Elevation	Address	Direction / Distance	Map ID	Page
HART EZ MART HART TAX INCREMENT F HART EZ MART Facility ID: 00003366	3 N STATE ST 3 N STATE ST 3 N STATE ST	E 0 - 1/8 (0.047 mi.) ENE 0 - 1/8 (0.064 mi.) ENE 0 - 1/8 (0.064 mi.)	D18 D20 D21	40 43 43
				10
24 - 26 NORTH STATE Facility ID: 64000063	24 - 26 NORTH STATE	ENE 0 - 1/8 (0.064 mi.)	D24	47
24 - 26 NORTH STATE	24 - 26 NORTH STATE 24 AND 26 NORTH STAT	ENE 0 - 1/8 (0.064 mi.) ENE 0 - 1/8 (0.072 mi.)		
24 - 26 NORTH STATE Facility ID: 64000063 24 AND 26 NORTH STAT			D24	47
24 - 26 NORTH STATE Facility ID: 64000063 24 AND 26 NORTH STAT Facility ID: 64000063 26 NORTH STATE STREE	24 AND 26 NORTH STAT	ENE 0 - 1/8 (0.072 mi.)	D24 D29	47 50

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HART TAX INCREMENT F	3 N STATE ST	ENE 0 - 1/8 (0.064 mi.)	D22	44

EPA ID:: MIK147629455				
FREMONT COOPERATIVE EPA ID:: MIK111735221	17 E MAIN ST	E 0 - 1/8 (0.077 mi.)	D34	55

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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
Lower Elevation	Address	Direction / Distance	Map ID	Page
<i>HART TAX INCREMENT F</i>	3 N STATE ST	<i>ENE 0 - 1/8 (0.064 mi.)</i>	D20	43
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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
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

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

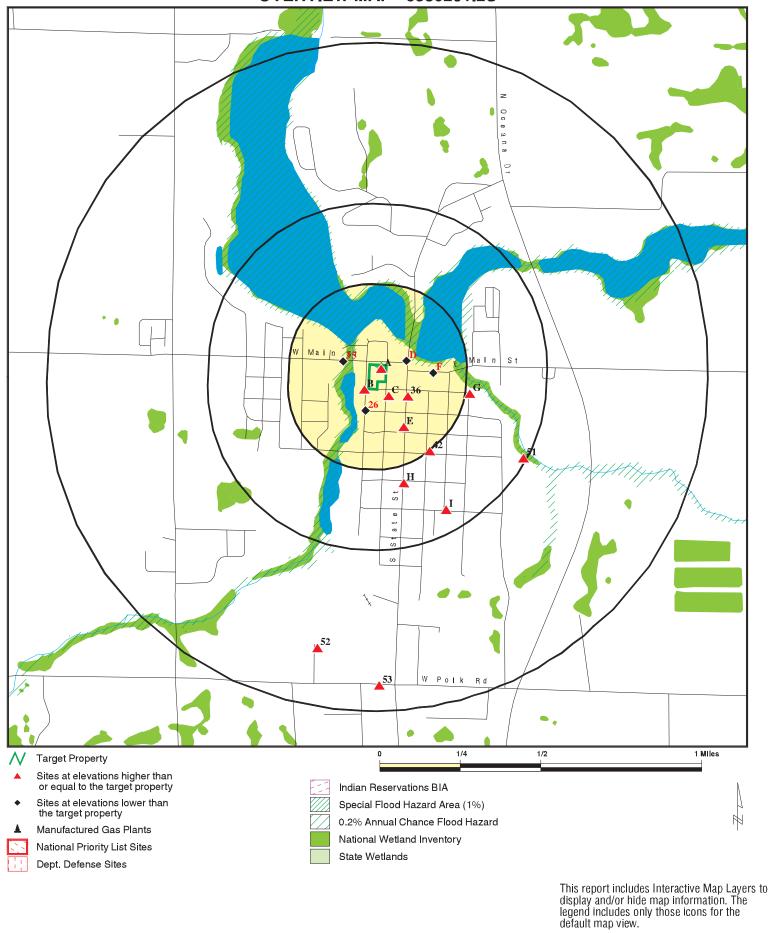
Site Name

HART HYDRO ELECTRIC PLANT

Database(s)

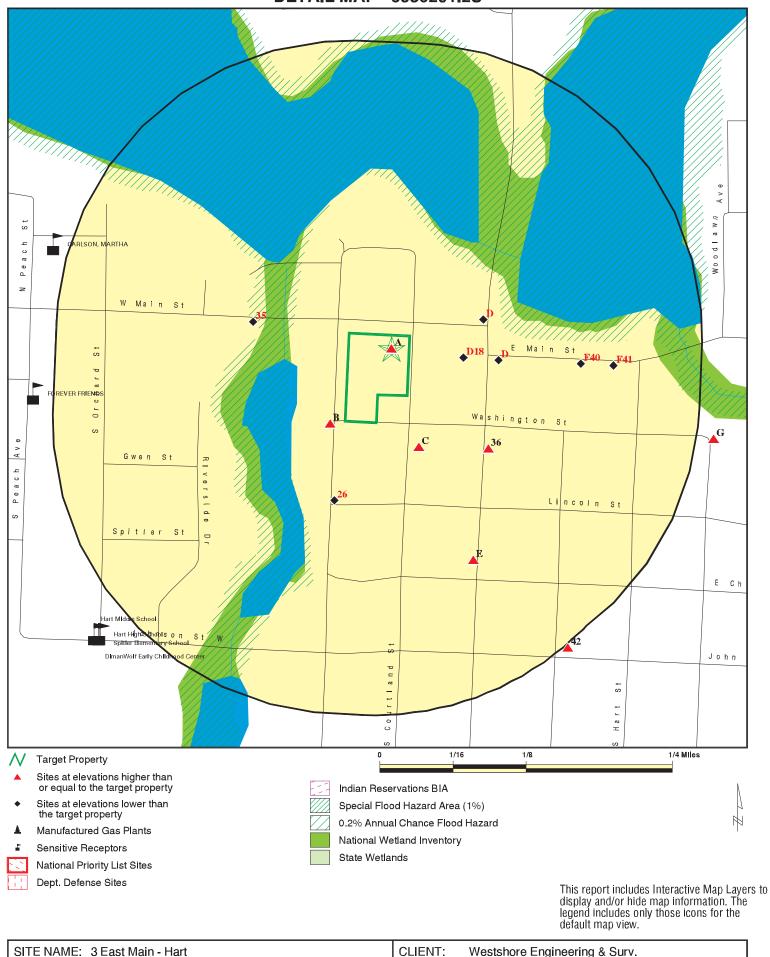
PART 201, DEL PART 201 CDL

OVERVIEW MAP - 6550291.2S



			Westshore Engineering & Surv.
ADDRESS:		CONTACT:	Adam Mulling 6550291.2s
LAT/LONG:	43.702845 / 86.36521		June 24, 2021 7:41 am

DETAIL MAP - 6550291.2S



SITE NAME:	3 East Main - Hart	CLIENT:	Westshore Engineering & Surv.
ADDRESS:	3 East Main Street	CONTACT:	Adam Mulling
	Hart MI 49420	INQUIRY #:	6550291.2s
LAT/LONG:	43.702845 / 86.36521	DATE:	June 24, 2021 7:42 am
		Copyrlg	yht © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY	UMMARY						MAF	FINDI	IGS SU	MAP FINDINGS SUMMARY				
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TC6550291.2s Page 4

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EDR ID Number Database(s) EPA ID Number	FTTS 1009514811 HIST FTTS N/A						SSTS 1004531053 N/A					TC6550291.2s Page 9
MAP FINDINGS	CO-HART BRANCH 471	00011218MIMDZ 1 20011218MIMDZ 1 12/1801	ZUPIN General Product Review Neutral Scheme, State FIFRA Producer	20011218MIMDZ 1 05	Not reported ZUPIN No	Neutral Scheme, State FIFRA Producer	ERATIVE HART BRANCH		NORTH CENTRAL COOPERATIVE, INC. 3 EAST MAIN STREET	HART, MI 49420 2013 50139-MI-2		
Site	FREMONT CO-OP PRODUCE CO-HART BRANCH 3 EAST MAIN STREET BOX 471 HART, MI 49420	Site 3 of 11 in cluster A FTTS INSP: Inspection Number: Region: Inspection Date:	Inspector: Violation occurred: Investigation Type: Investigation Reason: Legislation Code: Facility Function:	HIST FTTS INSP: Inspection Number: Region:	Inspection Date: Inspector: Violation occurred:	Investigation 1 ype: Investigation Reason: Legislation Code: Facility Function:	FREMONT PRODUCE COOPERATIVE-HART BRANCH 3 E MAIN ST	HART, 49420 Site 4 of 11 in cluster A	SSTS: Name: Address:	City,State,Zip: Report Year: Registration Number:	Pre 2016: Registration Number: Name: Address 2: Address 2: Country Code: Country Code: Contact Tellehone: Contact Tellehone: Contact Tellehone: Product Real: Product Real: Product Type: Product Type: Product Type: Product Type: Product Use: Product Use:	
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EDR ID Number base(s) EPA ID Number	FINDS 1024043675 N/A				FINDS 1018373450 ECHO N/A						31381	TC6550291.2s Page 8
MAP FINDINGS EDR ID Number Database(s) EPA ID Number	FINDS	A 110070126723	sti/Information System: SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing realishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.	link while viewing on your computer to access S: detail in the EDR Site Report.	FINDS	A 110057631361	stUnformation System: D. Stationa Pollutant Discharge Elimination System (NPDES) module of the Compliance information System (ICIS) tracks surface water permits	issued under the Clean Water Act. Under NDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will/kely 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.	1018373450 110067831381 http://echo.epa.gov/detailed-facility-report?fid=110067631361 CERES SOLUTIONS COPERATIVE 3 EAST MAIN STREET HART, MI 49420	TC6550291.2s Page 8
Database(s)	-	Site 1 of 11 in cluster A FINDS. Registry ID: 110070126723 Click Here:	Intere	link while viewing on your computer to access S: detail in the EDR Site Report.	-	Site 2 of 11 in cluster A FINDS: Registry ID: 110067631361	Click Here: Environmental Interest/Information System: US attional Distributant 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.		ECHO: 1018373450 Emd: 101067631361 Registry ID: http://echo.epa.gov/debaled-facility-report?fid=110067631361 DFR URL: CERES SOLUTIONS COOPERATIVE Address: 3 EAST MAN STREET Address: 3 EAST MAN 20TECT	TC6550291.2s Page 8

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Map ID Direction Distance Elevation

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EDR ID Number EPA ID Number	1004531053	CH LIS 1007280578
MAP FINDINGS		EX COOPERATIVE-HART BRAN
Map ID Direction Distance Elevation Site	FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)	
E E E		AS Target Property 655 ft.
EDR ID Number EPA ID Number	1004531053	
	FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued) 1004531053	I COOPERATIVE-HART BRANCH

EDR ID Number Database(s) EPA ID Number	u003867597 AST A100319858 M/A		TOSEE0001 00 Doct 05
MAP FINDINGS	A) Not reported (165732158 DOI/11/2001 01/11/2001 01/11/2001 01/11/2001 01/11/2001 01/11/2001 00/01/1200 NAD83 FTATE OF MICHIGAN POINT P	STATE OF MICHIGAN POINT Point Entrance (Freight) GPS Code Meas. Standard Positioning Service SA Off MAD3 43.7027380 -66.365693 ATK-138158-15	
Map ID Direction Distance Elevation Site	COUNTRYMARK, INC (Continued) Owner Contact: Owner Phone: Contact: Contact: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Accuracy Value Unit: Accuracy Value Unit: Source: Point Line Area: Descretagory: Tark Number: Point Line Area: Descretagory: Tark Number: Pripring Type: Capacity: Tark Number: Pripring Type: Pripring Type: Pripring Type: Pripring Type: Compartments: Tark Number: Pripring Type: Compartments: Tark Number: Pripring Type: Compartments: Tark Number: Pripring Type: Compart A AST: Adme: Comer Address: Comer Colection: Comer Colection: Com	Socionay, Point Line Area: Description Category: Method of Collection: Horizontal Datum: Lafitude: Longitude: Tank Id:	
Dire	A7 Targe Prope 655 ft		
	A7 Target Property 655 ft.		
Database(s) EPA ID Number Dist	UST U003867557 NUA		
EDR ID Number EPA ID Number	Ist U00867567 MARK INC MARK INC 201129 201129 201120 MARK INC 5 201120 MARK INC 6 201120 1000 Ground 1000 Ground 1	00017853 Not reported COUNTRYMARK, INC 3 E MAIN ST HART MI 49420-1129	ć

EPR ID Number Database(s) EPA ID Number	2008867934					
MAPFINDINGS		Not reported Not reported Not reported Not reported Not reported Not reported	Not reported OT RER N reported Not reported Not reported Not reported U U	U ABOVE ABOVE N Not reported	Not reported Not R	Not reported Not reported
Site	(Continued)	Aircraft Fuel Capacity Units: Aircraft Fuel on Board: Aircraft Fuel on Board Units: Aircraft Hanger: Aircraft Hanger: Aircraft Runway Number:	Raad Mile Marker: Building Dr. Type of Fixed Object: Power Generating Facility: Generating Capacity: Type of Fuel: NPDES Compliance: Prioring Type.	DOT Regulated: DPPelline Above Ground: Exposed Underwater: Pipeline Covered: Ratiroad Hoffine: Garde Covered: Garde Covered:	Ratiroad Milepost: Type Vehicle Involved: Type Vehicle Involved: Crossing Device Type: Device Operational: Device Operational: Device Operational: Device Operational: Trank Regulated By: Tank Regulated By: Regulated By: R	Date Tiem Normal Service: Service Disruption Time:
lap ID lirection listance levation						
Map ID Direction EPR ID Number EPA ID Number	A100319858			200867334 NVA	DDES. WHERE IT	
	NORTH CENTRAL CO-OP INC (Continued) A100319858 A100319858	Removed from Ground 01/11/2012 LPG 4/19/2017 04/19/2017	ATK-123226-15 Removed from Premises 500 500 LPG 01/11/2012	ERNS 200867934 NA	86794 CALLER IS REPORTING THE RELEASE SOO GALLONS OF PESTICIDES. WHERE IT FILE SEED FROM AND CAUSE ARE UNKNOWN. FIXED UNKNOWN UNKNOWN UNKNOWN OB 004-14-18:00:00 OCCURRAT NOT reported NOT	Not reported Not reported Not reported Not reported

EDR ID Number EPA ID Number	2008857934	
Database(s)		
MAPFINDINGS	Nat reported Nat reported UNKNOWN NONE NONE Nat None Nat reported Nat	
Site	(continued) Estimated Duration of Release: Releaser arts State Agency on Scome: State Agency Port Scont Wind Speed. Wind Speed. Wind Speed. Wind Speed. Wind Speed. Wind Speed. Wind Speed. Wind Speed. Wind Speed Unit: Sheen Size: Current Speed Unit: Tack Close Dir: Tack Close Dir: Tack Close Dir: Tack Close Dir: Frank Speed Unit: Frank Size width: Read Closure Units: Pass Fatality: Community Impact: Wind Speed Unit: Read Closure Units: Pass Fatality: Community Impact: Wind Speed Unit: Read Closure Units: Pass Fatality: Community Impact: Wind Speed Unit: Read Agency Notified: Pass Fatality: Courtent Speed Unit: Read Agency Notified: Pass Fatality: Read Agency Speed Unit: Read Agency Notified: Pass Fatality: Courtent Speed Unit: Read Agency Notified: Pass Fatality: Courtent Speed Unit: Read Agency Speed Pass Pass Fatality: Read Agency Speed Pass Pass Fatality: Read Agency Speed Pass Pass Fatality: Courtent Speed Unit: Read Agency Speed Pass Pass Fatality: Read Agency Speed Pass Pass Fatality: Read Agency Speed Pass Pass Fatality: Read Agency Speed Pass Pass Pass	
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EDR ID Number Database(s) EPA ID Number	NPDES 8116357073 N/A		heral Permit (COC)		COAL ASH 8119762141 N/A		TC6550291.2s Page 31
MAPFINDINGS		CERES SOLUTIONS COOPERATIVE 3 EAST MAIN STREET HART, MI 49420 MIS2 1044 Not reported 06/29/2018 06/29/2018 06/29/2018 06/29/2018 06/29/2018 06/29/2018 06/29/2018	Wabash, N. 146992 Wabash, N. 146992 NPDES Certificate of Coverage under General Permit (COC) Not reported Nort reported Northe To-Ann	Nom central too op 43.3.70124 to 44.5.70124 to 45.6.10 N L J L J L J L J L J L J L J L J L J L		GRAND HAVEN BL&P 100 WATER STREET HART, M 49420 12425 No 2 2 3 401 100 Berdinski Mi005209 Not reported Not reported Not reported Not reported	
ID dion mee 31a	A11 CERES SOLUTIONS COOPERATIVE Target 3 EAST MAIN STREET Property HART, MI 49420	Ste 11 of 11 in cluster A Actual: MI NPDES: 655 ft. MI NPDES: Address: City,State.ZIP: Permitee PD Moer: Permitee PD Moe: Issue Date: Effective Date: Permitee Name: Patriation Date: Permitee Name: Permitee Address:	Permittee Actor 2: Permittee Actor 2: Permit Type: Facility Name 2: Facility Name 4: Pacility Name 4: Destinated Name 4:	uesginear Name: Lat Untrude: Lat Direction: Lat Direction: Langfude: Lon Direction: Lon Type Code: Hydrologic Unit Code: Permit Status: DEC Permit Campliance Manager: DEC Permit Compliance Manager: DEC Permit Compliance Manager:	B12 GRAND HAVEN BL&P SW 100 WATER STREET < 1/8 HART, MI 49420 0.006 mi. 31.ft. Ste 1 of 4 in cluster B Relative. COAL ASH.		
Map ID Direction Distance Elevation							
EDR ID Number EPA ID Number	200867934		FINDS 1012006353 NA		FINDS 1015889815 NA		TC6550291.2s Page 30
		terial Irvolved: NRC Report #: 85734 NCC Report #: NCC Case Number: NCC Case Number: NCC UN Number: Not reported Amount of Material: 500 Unit of Measure: GALLONS) Name of Meaniel: ACUNS) The activity of Measure: Annown T Reached Vater: UNKNOWN AMOUNT	NORTH CENTRAL COOPERATIVE, INC. 3 EAST MAIN STREET HART, MI 49420 Sile 9 of 11 in cluster A	FINDS: Registry ID: 110038297928 Click Here: Environmental Interest/Information System: evolved from the FIFFA and TSCA STS (Section Seven Tracking System) evolved from the FIFFA and TSCA Environmental Interest/Information System; and reacks annually the types and pertoide-produced, solid, or distributed eachs, and related devices that are produced, solid, or distributed each young on your computer to access Click this hypertibic Wile Viewing on your computer to access	additional FINDS: detail in the EDR Site Report. HART COUNTRYMARK COOPERATIVE FINDS 101589815 3 EAST MAN STREET NA ART, MI 49420 10 of 11 in cluster A	FINDS: Registry ID: 110011822750 Click Here: Click Here: NCDB (National Compliance Data Base) supports implementation of the Federal Insecticale, Fungloide, and Rodenticlee Act (FIFRA) and the Federal Insectical, Fungloide, and Rodenticlee Act (FIFRA). The system tracks inspections in rouce Substances Control Act (TSCA). The system track inspections in regions and states with cooperative agreements, enforcement actions, and settlements. Click this hyperflink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.	TC6550291.2s Page 30

ead: EA Perf EA Perf Bed 7-78 04:00:00 Bed 774 04:00:00 Bed 3174 MART POWER PLT N A Bed 56:03174 MB980993000 HART POWER PLT N B B B B B B B B B B B B B B B B B B
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B14 SW 5 013 mi 66 ft. Relative: Higher Actual: 660 ft.
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Dire Vap		
Mar Dire EDR ID Number Database(s) EPA ID Number EIele	RCRAVSOR 100391154 FINDS 100391154 FINDS FINDS F	
EDR ID Number EPA ID Number		

 Bergergergergergergergergergergergergerge	1000391154 UNG	NI	ONI	SNIN	SNI	AING			00:00.								00:00:00	Conditionally Evemnt Small Ouantity Generator								00:00:00		Generator											IERIOR, AND GLASS REPAIR		ound				TC6550291.2s Page 37	
Control Contract Control Contr	Not reported Not reported Not reported Not reported	Not reported Not reported Not reported	Not reported	Not reported	Not reported	INOLIEPUIEU		Private	1997-08-01 00:00:00	Not reported	Not reported	Not reported	Not reported	Not reported							o N	No No	Yes	Not reported	Not reported	1990-04-02 00:		Small Quantity			o S	No.	No	Not reported	Not reported				MOTIVE BODY, PAINT, INT		No Violations Fe					
00:00 00:00 00:00 00:00 00:00 00:00 00:00		HART BODY SHOP (Continued) Date Ended Current:	Owner/Operator Address: Owner/Operator City, State, Zip:	Owner/Operator Telephone: Owner/Operator Telephone Ext:	Owner/Operator Fax:		Owner/Operator Indicator:	Owner/Operator Name: Legal Status:	Date Became Current:	Date Ended Current: Owner/Onerator Address:	Owner/Operator City. State Zip:	Owner/Operator Telephone:	Owner/Operator Telephone Ext:	Owner/Operator Email:		Historic Generators:		Handler Name: HAKT BODY SHO Federal Waste Generator Description:	State District Owner:	Large Quantity Handler of Universal Waste: Becomized Trader Importer	Recognized Trader Exporter:	Spent Lead Acid Battery Importer:	Current Record:	Non Storage Recycler Activity:	Electronic Manifest Broker:	Receive Date:		Federal Waste Generator Description:	State District Owner: Large Quantity Handler of Universal Waste:	Recognized Trader Importer:	Recognized Trader Exporter:	Spent Lead Acid Battery Exporter:	Current Record:	Non Storage Recycler Activity:	Electronic Manifest Broker:					Facility Has Received Notices of Violations:	Violations:		Evaluation Action Summary:			
Not reported Not r	Database(s) EPA ID Number Distance Distance Elevation EPA ID Number Elevation	1000391154																																											TC6550291.2s Page 36	
		Not reported	Not reported Not reported	Not reported	Owner PARV GALE C	Private	1970-01-01 00:00:00.	Not reported	Not reported	Not reported	Not reported	Not reported	On or refer	RABY GALE C	Private	1970-01-01 00:00:00. Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Operator	RONALD BENNING	1997-08-01 00:00:00.	Not reported	Not reported	Not reported Not reported	Not reported	Not reported	Not reported	Owner	RABY GALE C	Private	19/0-01-01 00:00:00. Not renorted	Not reported	Not reported	Not reported	Not reported	Not reported Not reported	-	Operator RABY GALE C	Private	1970-01-01 00:00:00.			

EDR ID Number Database(s) EPA ID Number	S106521478	UST U004296607 N.A		TC65502912s Page 39
MAPFINDINGS	Not reported Not reported Not reported Not reported		RIGHT OF WAY 186 S COURTLAND ST 106 S COURTLAND ST HART 49420-1143 CLOSED S0003385 S0003385 S0003385 S0003385 S0003385 Notreported Notrepo	
L Sie	RIGHT OF WAY (Continued) Project Manager: Senate District: House District: U Congressional District	Leak Number: Release Date: Substance Released: Release Closed Date: Release Closed Date: RIGHT OF WAY 108 S COURTLAND ST	HART, MI 49420 Ste 2 of 2 in cluster C UST: Name: Address: CityState Zip: Facility Type: Facility Region: Owner Adress: Owner Adress: Owner Christ Contact: Owner Contact: Owner Contact: Owner Contact: Owner State: Owner Contact: Owner State: Owner Contact: Contact	
Map ID Direction Distance Elevation		C17 SSE	 13 2.20 ft. 2.20 ft. Higher Higher Actual: 6.58 ft. 	
EDR ID Number EPA ID Number	1000391154		8106221478 NA	291.2s Page 38
MAP FINDINGS EDR ID Number Database(s) EPA ID Number	HART BODY SHOP (Continued) 1000391154 Evaluations: No Evaluations Found	FINDS: FINDS: Registry ID: 110003638948 Click Here: Environmental Interest/Information System: RCRAInfo is a national information system that supports the Resource Conservation and Revery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport and treat, store, or dispose of hazardous waste. RCRAIntio allows RCRA program staft to track the notification permit, complance, and	D006633948	TC6550291.2s Page 38

EDR ID Number EPA ID Number	U003327746
Database(s)	
MAPFINDINGS	Not reported 2015:05:05:05:05:05:05:05:05:05:05:05:05:05
Sie	HART EZ MART (Continued) Owner Contact: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Date of Collection: Accuracy Value Untit: Accuracy Compartments: Tank UD: Tank UD: Phone Bate: Tank UD: Phone Bate: Tank Compartments: Tank Compartments: Phone Bate: Tank Compartments: Phone Bate: Compartments: Phone Bate: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Phone Batum: Accuracy Contact: Contact: Contact: Contact: Contact: Contact: Phone Batum: Accuracy Method Collection: Accuracy Method Collection: Accuracy Category: Date Contact: Con
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EDR ID Number Database(s) EPA ID Number	INVENTORY S110748221 BEA N/A WDS N/A		LUST \$12297806		TC6550291.2s Page 43
MAPFINDINGS	IT FINANCE AUTHORITY D 3 N STATE STREET 3 N STATE STREET 201102879GR Hart Carand Rapids BEA Notreported Notreported	Not re 2879 01/19/ 01/19/ 01/19/ No Re No Re No Re Stora	HRT TAX INCREMENT FINANCE AUTHORITY 3 N STATE ST HART, MI 49420 MIK147629455 48794 FORMER EZ MART 407 N STATE ST 49420 OCEANA	HART EZ MART 3. NSTATE ST HART, MI 49420- 00003366 MICHGAN STATE OF MICHGAN BlarmyCastle OII Co UNKNOWW, MI Notreported Notreported ULSA	
e e e e	HART TAX INCREMEN 3 NSTATE ST 3 NSTATE ST 3 NSTATE ST 3 N 49420 Ste 3 of 16 in cluster INV ENTORY: Name: ChyState Zip: Bea Numbe: District District District District Chyglude: Longlude:	BEA: BEA Mumber: BEA Number: District at District at D	Name: Name: CltyState.Zp: Site Id: Site Id: Site Specific Name: Mailing Address: Mailing Address: Mailing Chy/State/Zp: Mailing County: Marting County: AART EZ MART	<u> </u>	
Map ID Direction Distance Elevation	D20 E D2 < 1/8 0.064 mi. 337 ft. Relative: Cower Actual: 638 ft.		D D S S S S S S S S S S S S S S S S S S	 < 1/8 0.064 ml. 3.37 ft. 3.37 ft. 3.37 ft. Balativa: Actual: 6.38 ft. 6.38 ft. 	
EDR ID Number Database(s) EPA ID Number	U003327746			DR Hist Auto 102114449 NIA	TC6550291.2s Page 42
Database(s)		R) WART TTE ST TTE ST		EDR Hist Auto 102114449 NA Type: Gasoline Service Stations	TC6550291.2s Page 42
	HART EZ MART (Continued) U003327746 U003327746 Substance: Nuclear National Casoline National Casoline National Casoline Remove Date: 04/224/966 National Casoline National Cas	NVENTORY: Name: HART EZ MART (FORMER) Address: 3 STATE STREET City, State. ZID: M 494.20 Beal Number: 200401479GR Township: H 494.20 Beal Source: 200401479GR Det Source: BEA Det Source: BEA Latitude: Not reported Latitude: Not reported Latitude: Not reported Latitude: Not reported Latitude: STATE ST Mame: 223 STATE ST Address: 223 STATE ST City, State ZID: HART, EX MART	e: ests: surance: t	ne Service Stations	TC6550291.25 Page 42

		Database(s) EPA ID Number	1014391450							FINANCE AUTHORITY																																TC6550291.2s Page 45
	Ĩ	Data		Not reported	Not reported	Not reported	NOT REPORTED 407 N STATE ST	HART, MI 49420 HABT TAX INCREMENT EINANCE ALITHORITY	Municipal	HART TAX INCREMENT FINANCE AUTHORITY	No	o N	No	o No	No	No	No	No	No	Not reported	Not reported	Not reported	Not reported	No Not reported	Not on the Baseline	Not on the Baseline Not reported	Not reported	Not reported	No	ON ON	oN	No	No NCAPS ranking	No	N/A	N/A Not reported	Not reported	No	No	2		
MAP FINDINGS			HART TAX INCREMENT FINANCE AUTHORITY (Continued)	Biennial Report Cycle:	Accessioninty: Active Site Indicator:	State District Owner:	state District: Mailing Address:	Mailing City,State,Zip:	Owner Type:	Operator Name:	Short Term Generator Activity:	Importer Activity: Mixed Waste Generator:	Transporter Activity:	Transfer Facility Activity: Recvcler Activity with Storage:	Small Quantity On-Site Burner Exemption:	ornerung merung and remining runace exemption. Underground Injection Control:	Off-Site Waste Receipt:	Universal waste Indicator: Universal Waste Destination Facility:	Federal Universal Waste:	Active Site Fed-reg Treatment Storage and Disposal Facility: Active Site Converter Treatment storage and Disposal Facility:	Active Site State-Reg Treatment Storage and Disposal Facility: Active Site State-Reg Handler:	Federal Facility Indicator:	razaruous secondary material mulcator. Sub-Part K Indicator:	Commercial TSD Indicator: Treatment Storage and Disposal Type:	1.044 more contract of the con	2018 GPRA Renewals Baseline: Permit Renewals Workload Universe:	Permit Workload Universe: Dermit Proceses Universes	Post-Closure Workload Universe:	202 GPRA Corrective Action Baseline:	Corrective Action Workload Universe: Sublect to Corrective Action I Iniverse	Non-TSDFs Where RCRA CA has Been Imposed Universe:	TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: TSDFs Only Subject to CA under Discretionary Auth Universe:	Corrective Action Priority Ranking:	Environmental Control Indicator: Institutional Control Indicator:	Human Exposure Controls Indicator:	Groundwater Controls Indicator: Operating TSDF Universe:	Full Enforcement Universe:	significant Non-Compiler Universe: Unaddressed Significant Non-Compiler Universe:	Addressed Significant Non-Complier Universe: Significant Non-Compliar With a Compliance Schedule Universe.			
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Map ID Direction	Distance	Elevati																																								
Map IC Directi	EDR ID Number	ID Number	S125297806																								onGen / NLR 1014391450	MIK147629455			0									pei		TC66560291.2s Page 44
	EDR ID Number	EPA ID Number	S125297806		Oli Company																						RCRA NonGen / NLR 1014391450	MIK147629455			2010-06-01 00:00:00.0	CREMENT FINANCE AUTHORITY 3 N STATE ST	HART, MI 49420	MIK14/029455 STANLEY RICKARD	3 N STATE ST	HAK1, MI 49420 231-873-2488	Not reported	Not reported Not reported	05 Municiral	Not a generator, verified Not sogenerator,	Not reported	TC6550291.2s Page 44
Map FINDINGS Direction	EDR ID Number	EPA ID Number		Grand Rapids	Harr E.Z. Marr - Superior OII Company 43.70273	2.65.26 JB-	10/23/2007 I: Interpolation-Map	40 . EEET		POINT Diant Entrance (Ereicht)		Not reported Not reported	Not reported	Not reported		01/01/1987		Closed e: 07/18/2011		ART EZ MART v strate st	N 51/ATE 51 ART, MI 49420	ot reported st reported	rand Rapids	ar (2) 20273	6.36398		RCRA NonGen / NLR	MIK147629455				HART TAX INCREMENT FINANCE AUTHORITY 3 N STATE ST		NIK147029455 STANLEY RICKARD			Not reported	Not reported Not reported	05 Ministrae		Not reported	TC6550291.28 Page 44
	EDR ID Number	EPA ID Number	HART EZ MART (Continued) S125297806		ster same: Frant t.z. wart - Superior Oil Company Latitude: 43.70273		ute et outerienten. 101.4.2.0.0. Method of Collection: Interpolaton-Wap	Accuracy Volum Liein 40		Point Line Areas: PONT Descriptions - Distributions (Freident)	jram:	Project Manager Not reported		Huse District. Not reported US Contrasticat: Not reported	Look Mineson			Kelease Status: Uosed Release Closed Date: 07/18/2011	INVENTORY:	Name: HART EZ MART Addrese: 3 N STATE ST		Bea Number: Not reported Township: Not reported	District: Grand Rapids Data Source: Part 213		Longitude: -86.36398		CREMENT FINANCE AUTHORITY RCRA NonGen / NLR	3 N STATE ST HART, MI 49420	Site 5 of 16 in cluster D	RCRAMMING MIR.	d by Agency:		:Zip:			Contact Uty, State, JCP, Contact Telephone: 231-473-2488 Contact Telephone: 231-473-2488		Contact Email: Not reported Contact Title: Not reported		te Generator Description:	Nort-Notimer.	TC6550291.28 Page 44

EDR ID Number EPA ID Number	1014391450											ORY S114024103									
Database(s)					EDR Hist							INVENTORY									
IDINGS	(penu	E STORES	No Violations Found	No Evaluations Found			Tvpe:	Gasoline Service Stations Gasoline Service Stations	Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations	Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations Gasoline Service Stations	Gasoline Service Stations										
MAP FINDINGS	HART TAX INCREMENT FINANCE AUTHORITY (Continued)	NAICS Code: 44512 NAICS Description: CONVENIENCE STORES	Facility Has Received Notices of Violations: Violations:	Evaluation Action Summary: Evaluations:	DOWNTOWN MOBIL 3 NSTATE ST	rarti,mi 49420 Site 6 of 16 in cluster D EDD Het ∆uto	Year: Name:			1978 DOWNTOWN MOBIL 1979 DOWNTOWN MOBIL 1980 DOWNTOWN MOBIL 1987 DOWNTOWN MOBIL		- 26 NORTH STATE STREET	24 - 26 NORTH STATE STREET OCEANA (County), MI 49420	Site 7 of 16 in cluster D		urty,state,∠lp: Mt 434∠0 Bea Number: 201002676GR Township: Hart	District Grand Rapids Data Source: BEA				
Map ID Direction Distance Elevation Site	Н		L.	E		337 ft. Site Doletive: 5		638 ft.						0.064 mi. 339 ft. Site	Relative: Lower Actual:	8 ft.					
												-	- •	•	`	-					
EDR ID Number EPA ID Number	1014391450										~										
Database(s) EPA ID Number	1014391450	13:15:53.0				T FINANCE AUTHORITY					T FINANCE AUTHORITY										
	1014391450	Not reported 2011-03-03 13:15:53.0 No	No No No Notreaorhed	Not reported No		X INCREMENT FINANCE AUTHORITY	n 01 00:00:00.	ted ted	ted ted	ted	N N INCREMENT FINANCE AUTHORITY Of 00:00:00.	ted	ted ted	ted ted	0 00:00:00	HORITY erator, verified	2		ted		
Database(s)		Not reported 2011-03-03 13:15:53.0 No	No No Not reported	Not reported	WASTE	Operator HART TAX INCREMENT FINANCE AUTHORITY	Municipal 2001-32-01 00:00:00.	Not reported Not reported Not morted	Not reported Not reported Not non-more	Nat reported Owner	HART TAX INCREMENT FINANCE AUTHORITY Municipal 2001-02-01 00:00:00.	Not reported Not reported	Nor reported Nor reported Nor monted	Not reported Not reported Not reported	2010-06-01 00:00:00 0	FINANCE AUTHORITY Not a generator, verified	No No	2 2 2	Yes Not reported Not reported		
		÷			mary: Doo1 IGNITABLE WASTE										2010-06-01 00:00.0	ICREMENT FINA	iversal Waste:			id Descriptions:	
Database(s)	HART TAX INCREMENT FINANCE AUTHORITY (Continued) 1014391450 1014391450	÷	Recognized Trader-Exporter. No Importer of Spent Lead Acid Batteries. No Exporte of Spent Lead Acid Batteries. No Resorcier Activity Without Storaes. Not resorted		Hazardous Waste Summary: Waste Code: D001 Waste Description: IGNTABLE WASTE	Operator: tor Indicator: tor Name:	t	Date Ended Current: Not reported Owner/Operator Address: Not reported Owner/Operator City State Zirv Not menorted	ىر	Lo	he: It		Owner/Operator City,State, Lip: Not reported Owner/Operator telephone: Not reported Owner/Oncerter Telenhone Ext		Historic Generators: Receive Date: 2010-06-01 00:00:00.0	:: HART TAX INCREMENT FINAL Generator Description:	iversal Waste:	Recognized Trader Exporter: No Spent Lead Acid Brattery Importer: No Snent Lead Acid Brattery Exponder: No		List of NAICS Codes and Descriptions:	

EDR ID Number Database(s) EPA ID Number	A100318360						BEA \$105966576 N/A		TC6550291.2s Page 49
MAPFINDINGS	Nat reported Event i personante co	EXCEL PROPANE CO 565 SOUTH 3RD AVENUE FRUITPORT, MI 49415 3	04/28/2009 104 FEET STATE OF MICHIGAN POINT POINT CPR Advise (Freight)	No - O Oue meas, Standard r Controlling Service SA OI NAD83 43.7006943 -86.365027	ATK-122419-15 Removed from Premises 500 10/23/2006 10/23/2006 11/03/2014	1100.0014 ATK-040110-15 Removed from Premises 500 0630/1997 LPG 10/23/2006	Not reported 1233 Grand Rapids 062/12003 062/12003 No Request No Hazardous Substance(s)	No Request mecherb Storage Tank Division	
Site	LARSONS SONS (Continued) Tank ID Old:	Owner Name: Owner Address: Owner City,St,Zip: District	Date of Collection: Sources; Point Line Area: Point Line Area: Mothod of Collinguation;	metrou or concount. Horizontal Datum: Latitude: Longitude:	Tank Id: Tank Status: Capacity (in gallons): Instiallaton Date: Substance Stored: Remover/Closed Date:	Tank Id: Tank Status: Capacity (fr gallons): Installation Date: Substance Stored: Removed/Closed Date:	26 NORTH STATE STREET 26 NORTH STATE STREET 26 NORTH STATE STREET HART, M 49420 Stre 9 of 16 in cluster D BEA, Secondary Address: Nk BEA, Umber: 11 District Date Reviewic: 00 Submitter Name: 00 Submitter Name: 00 Submitter Name: 00 Category: 00 Categor	tion 20107A: ssigned:	
Map ID Direction Distance Elevation							D27 ENE < 1/8 0.072 mi. 378 ft. S378 ft. Lower Actual: 635 ft.		
Map ID Direction Distance Elevation							D27 ENE < 1/8 < 1/8 378 ft. Relativa: Actual: 635 ft.		
Map EDR ID Number Database(s) EPA ID Number Elev	UST U004225639 N/A						D27 E D27 < 1/1 < 1/1 2 0.0 3 0.0 3 0.0 2 0.0 1 0.0 2 0.0 1 0.0 2	AST A100318360 NA	TC6550291.2s Page 48
EDR ID Number EPA ID Number			STATE STREET ROW 46 N STATE ST HART 49420 CLOSED 00045522 Mot month	CITY OF Hart CITY OF HART 407 S STATE ST HART MI	49420 Not reported 23132488 Not reported Not reported Not reported	Not reported Not reported Not reported Not reported Not reported Not reported Not reported Region 3 - Grand Rapids District Office	Removed from Ground Not reported Not reported 07/01/2014 Not reported Not Reported	AST A100318360 AST A100318360 NA VA 4 LINCOLN ST HART HART HART HART HART HART HART HAR	TC6550291.2s Page 48
EDR ID Number Database(s) EPA ID Number	STATE STREET ROW 46 N STATE ST HART, MI 49420	ister D	Name: STATE STREET ROW Address: 45 NSTATE ST CtlyState Zip: HART 49420 Facility Type: CLOSED Facility Dipe: 00045522 Fordis, Docime Met monotor				m Ground	AST	TC6650291

EDR ID Number Database(s) EPA ID Number	S114029409	LUST U002302867 UST N/A INVENTORY WDS			TC6550291.2s Page 51
MAPFINDINGS	REET (Continued) Grand Rapids BEA 43.70312 -86.36363	MERSKIN & MERSKIN PC 26 N STATE ST HART, MI 49420- 0001715 STATE OF MICHIGAN	Merskin Pic Not reported UNKNOWN, MI Not reported Not reported Not reported Sand Rapids Merskin Ama B6.58.34 4.07.0292 -85.363.44 0.11.12001 Address Matching-House Number 100 FEET NAD83 POINT Not reported Not reported	Notreported Notreported Notreported Notreported (ict Notreported C-1985-92 11/067/922 Dises(Gasoline C-1985-92 Dises(Gasoline C-1985-92 Dises(Casoline Cosed 01/22/2015 MART 49420-1194 COSED 0001715 Notreported MERSKIN PC 26 N STATE ST MART MI	
Map ID Ditrection Distance Elevation Site	26 NORTH STATE STREET (Continued) District Grand Rapids Data Source: BEA Latitude: 43.70312 Longitude: -86.36363	D31 MERSKIN& MERSKIN PC ENE 26 N STATE ST < 108 HART, MI 49420 0.072 MI 49420 0.072 MI 49420 378 ft. Site 13 of 16 in cluster D Relative: LUST: Lower Name: Actrise: City, State, Zip: 506 ft. Facily D: Source: Source:	Owner Name: Owner Name: Owner Contact: Owner Contact: Owner Phone: Owner Phone: Country: Country: District: District: District: District: Counter: District: District: Counter: District:	Project Manager: Project Manager: Senate District: US Congressional District US Congressional District Leak Number: Release Date: Substance Released: Release Closed Date: City State. Mare: Address: City State. Facility Tope: Facility Repion: Owner Mare: Owner Address: Owner City: Owner City:	
Database(s) EPA ID Number	BEA \$109094160 N/A		INVENTORY 5114024104 NA	INVENTORY \$14025409 NA	TC6550291.2s Page 50
MAP FINDINGS	24 AND 26 NORTH STATE STREET 24 AND 26 NORTH STATE STREET HART, MI 49420 Site 10 of 16 in cluster D BEA: Secondary Address: Not reported	ų X	24 AND 26 NORTH STATE STREET 24 AND 26 NORTH STATE STREET 24 AND 26 NORTH STATE STREET 24 AND 26 NORTH 4420 Site 110 f16 in cluster D IN VENTORY: 24 AND 26 NORTH STATE STREET Address: 24 AND 26 NORTH STATE STREET ClityState.ZIP, MI 494.20 Address: 24 AND 26 NORTH STATE STREET ClityState.ZIP, MI 494.20 Bea Number: 200802275GR District: Grand Rapids District: Grand Rapids District: -96.36363 Longitude: -96.36363	28 NORTH STATE STREET 28 NORTH STATE STREET 26 CANA (County), MI 49420 Site 12 of 16 in cluster D INVENTORY: 26 NORTH STATE STREET Admes: 26 NORTH STATE STREET Admes: 26 NORTH STATE STREET City State Zip: 200301233GR Data Source: BEA Data Source: BEA Data Source: BEA Data Source: BEA Data Source: BEA Data Source: 26 NORTH STATE STREET City,State,Zip: MI 49420 Bea Number: 201303551GR	
Map ID Direction Distance Elevation Site	D28 24 Al ENE 24 Al ENE 24 Al AR 71/8 HAR 0.072 mi 378 ft. Site 1 Relative: BE Lower D24 Al		24 AJ ENE 24 AJ 24 AJ 24 AJ 0.072 mL 378 ft. Stei 378 ft. Stei Lower Actual: 635 ft.	25 N	

EDR ID Number Database(s) EPA ID Number	U002302857																	1	AUL S117369634	NIA								TC6550291.2s Page 53
MAPFINDINGS	ntinued)	Closed in Ground Diesel	04/02/1966 05/20/1994	Not reported s: Not reported		Not reported Not reported	Not reported Not reported	43.70292 -86.36344		ABL STATE ST ABL ST ST HART, MI 49420	rted rted	apids	4	MERSKIN& MERSKIN PC	20 N 3171 E 31 HAR N 3174 E 31 MIG 000038992	416820 MERSKIN & MERSKIN PC	26 N STATE ST 49420 OCFANA					MERSKIN & MERSKIN PC	26 NORTH STATE STREET HART, MI 49420	Recorded Not reported				
Site	MERSKIN & MERSKIN PC (Continued)	Tank Status: Substance:	Install Date: Remove Date:	Tank Number: Tank Details Compartments:	Tank Release Detection: Pipe Release Detection:	Piping Material: Piping Type:	Tank Construction: Impressed Device:	Latitude: Longitude:	INVENTORY: Name: MEDEK	s: ate,Zip:	mber: ip:	District: Grand Rapids Data Source: Part 213		WDS: Name:	otto ess. City,State,Zip: Site Id:	WMD Id: Site Specific Name:	Mailing Address: Mailing City/State/Zip: Mailing Countyr			ENE 26 NORTH STATE STREET < 1/8 HART, MI 49420 0.072 mi	Si	Relative: AUL: Lower Name:	Actual: Address: 635 ft. City,State,Zip:	Status: Site Name:	Property: Land Use Restriction Type:	Program Lype: Program Support Assigned User: Program Support Assigned Date:	Legal Description Of Proper Based On The Deq Ref #: MDEQ Reference Number:	
Map ID Distance Elevation	-																											
EDR ID Number Database(s) EPA ID Number Elevation	L0002302857																											TC6550291.2s Page 52
EDR ID Number EPA ID Number		49420-1121 Not reported	6168732111 DAVID L HATCH	(616) 845-6251 01/11/2001	100 NAD83	FEET STATE OF MICHIGAN	POINT Plant Entrance (Freight)	Address Matching-House Number Region 3 - Grand Rapids District Office	2 Closed in Ground	Gasoline Out0311971 oction12021	UDIZUI 394 Notiered Net recorded	Not reported Not reported Not reported	Not reported Not reported	Not report ed Not report ed Not 2022 not 2022	-00:0044 MERSKIN & MERSKIN PC	26 N STATE ST HART 49420-1194	CLOSED 0001715 Not resorts	MERSIAN PC MERSIAN PC 26 N STATE ST	HART MI	49420-1121 Nati reported Astarzavie	DAVID LATCH	01/1/2001	NDB3 FEET	STATE OF MICHIGAN	Plant Entrance (Freight) Address Matching-House Number	Region 3 - Grand Rapids District Office 100	000	TC6550291.2s Page 52

EDR ID Number Database(s) EPA ID Number	A100150988		- Gen/ NLR 1006808396 FINDS MIK111735221 ECHO			HART, MI 49420 MOETUVE O/OP AS NOT GENERATING WASTE Private NO ACTIVE O/OP AS NOT GENERATING WASTE NO ACTIVE O/OP AS NOT GENERATING WASTE NO NO NO NO NO NO NO NO NO NO NO NO NO	
			RCRA NonGen / NLR FINDS ECHO	2005.04-02 00:00.00 17 E MAN ST 17 E MAN ST HART, MI 49420 MIK111735221 TOM SAYLES 17 E MAN ST TOM SAYLES 17 E MAN ST HART, MI 49420 231.873-3042 Not reported Not reported Not reported S0 65 0 65	Other Not a generator, verified Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported 17 E MAIN ST		
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Site	FARMERS PETROLEUM (Continued)	Lattitude: Longitude: Tank Id: Tank Status: Capacity (in gallons): Installation Date: Substance Stored: Removed/Closed	FREMONT COOPERATIVE PRODUCE INC 17 E MAIN ST HART, MI 49420 Site 16 of 16 in cluster D	RCRA NonGen / NLR. Date Form Received by Agency. Handler Name: Handler Adhress Handler City. State. Zp: Contact Name: Contact Name: Contact Atteress: Contact Tates Contact Tates Contact Tates Contact Fand: Contact Cate Contact Cate Cate Contact Cate Cate Contact Cate Cate Contact Cate Contact Cate C	Land Type: Federal Wate Generator Description: Ron-Norffer: Biennial Report Cycle: Accessibility: Active Ste Indicator: State District Mailing Address: Mailing Address:	Mailing City,Stale,Zip; Owner Name: Owner Type: Owner Type: Derator Name: Derator Type: Short-Term Generator Activity: Importer Activity: Interset Facility Activity: Transfer Facility Activity: Recycler Activity with Strage: Small Quantity On-Sile Burner Exemption: Underground Injection Control: Underground Injection Control: Universal Waste Destination Facility: Federa Universal Waste. Active Ste Fed-Read Treatment Storage and Dispose	
<u> </u>			D34 East < 1/8 0.077 mi.	Relative: Lower Actual: 646 ft.			
Map ID Direction Distance Elevation			 Я щ ^ 9 4	L			
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EDR ID Number Database(s) EPA ID Number	S117389634	Notreported Notreported UNKERMITN112214180.PDF 0.5996000000002 0.0009 05/11/2015 05/11/2015 05/11/2015 05/11/2015 05/11/2015 05/11/2015	01/14/2015 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- J. LRUR is NOT mapped in KERMIT - Nick Ekel 20150511 - LRUR is n KERMIT - Nick Ekel AST A100150988 NA	DLELUM BULK, LLC VENUE 12 AN AN AN Ight) Iandard Positioning Service SA Off	
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OINGS		Not reported Not reported	Not reported	NO ACTIVE O	2005-04-03 00:00:00.	Not reported	Not reported	Not reported Not reported	Not reported	Owner	NO ACTIVE O	2005-04-03 00:00:00	Not reported Not reported	Not reported	Not reported	Not reported		Private	2005-04-03 00:00:00. Not reported	Not reported	Not reported	Not reported	Not reported		2003-02-25 00:00:00.0 PRODUCE INC	Small Quantity Generator Not reported	No	o Z	°N :	o N	Not reported	Not reported	2005-04-02 00:00:00.0	PRODUCE INC Not a generator, verified	
MAP FINDINGS	IC (Continued)																								2003-02-25 0 FREMONT COOPERATIVE PRODUCE INC		Waste:							FREMONT COOPERATIVE PRODUCE INC r Description: Not a genera	
	FREMONT COOPERATIVE PRODUCE INC (Continued)	lephone Ext: x:	nall: Historie:	ame:	ent:	ldress: by Ctoto Zio:	ilephone:	elephone Ext: tx:	nail:	dicator:	ame:	ent:	t: Idress:	ty,State,Zip:	ephone Ext:	ix: nail:	dicator:		ent: it:	Idress:	ty,⊳tate,∠lp: Iephone:	elephone Ext:	M. nail:		FREMONT	Federal Waste Generator Description: State District Owner	Large Quantity Handler of Universal Waste:	Exporter:	attery Importer:	attery Exporter:	cler Activity:	Broker:		Handler Name: FREMONT C Federal Waste Generator Description:	
	NT COOPERATI	Owner/Operator Telephone Ext: Owner/Operator Fax:	Owner/Operator Email:	Owner/Operator Name:	Legal status: Date Became Current:	Owner/Operator Address:	Owner/Operator Telephone:	Owner/Operator Telephone Ext: Owner/Operator Fax:	Owner/Operator Email:	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 Ext:	Owner/Operator Fax: Owner/Operator Email:	Owner/Operator Indicator:	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 Fav:	Owner/Operator Email:	Historic Generators:	Receive Date: Handler Name:	Federal Waste Gene State District Owner:	Inge Quantity Han	Recognized Trader Importer: Recognized Trader Exporter:	Spent Lead Acid Battery Importer:	Spent Lead Acid Battery Exporter: Current Record:	Non Storage Recycler Activity:	ectronic Manifest	Receive Date:	Handler Name: Federal Waste Gen	
ID tion tion Site	FREMO	660	5 č	661		ŝóć	50	ÕÕ	õ	Õ	L O		Õ	ÓĆ	56	56	ÓĊ	E 6	õõ	ÓĊ	56	ÓĆ	56	Histo	Re H	E E	L G	r R R	ς, α	ਨੇ ਹੋ	ž	Ť	Re	Fe	
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EDR ID Number se(s) EPA ID Number	1006808396	N ON-SITE									427		LUST U003790699 11ST N/A								TCEEE0301 20 Doco E0
MAP FINDINGS	ttinued)		Not reported Not reported Not reported	Not reported Not reported Not reported			st/Information System: RCRAtInb is a rational 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 hazdrous weate. RCRAInfo allows RCRA program staff to treat whe notification, permit, compliance, and corrective action activities required under RCPA.	Click this typerlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.	1006808396 110014466427	http://echo.com. FREMONT COOPERATIVE PRODUCE INC 17 E MAIN ST	HART, MI 49420					IIGAN			d Garage	
	FREMONT COOPERATIVE PRODUCE INC (Continued)	Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization:	Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request:	e Received: cy: n:	110014456427		Environmental Interest/Information System: RCRAInfo is a national info Conservation and Recove	events and activities relate and treat, store, or dispose program staff to track the I corrective action activities	Click this hyperlink while v additional FINDS: detail in	100	FRE	НАБ					00040604 STATE OF MICHIGAN	S: Not reported		Grand Rapids City Of Hart - Ford Garage 43.70317 -86.36454	
Site	FREMONT COOPE	Found Violation: Evaluation Type Evaluation Resp Evaluation Resp	Actual Return to (Scheduled Comp Date of Request	Date Kesponse Keceived: Request Agency: Former Citation:	FINDS: Registry ID:	Click Here:	Environmental Int			ECHO: Envid: Benietry ID:	DFR URL: Name: Address:	City,State,Zip:	FORD GARAGE	HART, MI 49420	LUST: Nama:	Address: City,State,Zip:	Facility ID: Source:	Owner Name: Owner Address:	Owner City,St,Zlp: Owner Contact: Owner Phone: Country	District Site Name: Latitude: Longitude:	
Map ID Direction Distance Elevation													35 West	< 1/8 0.082 mi.	435 π. Relative: Lower	Actual: 626 ft.					
EDR ID Number atabase(s) EPA ID Number	1006808396																				
Database(s)		Not reported No No No	No Ves Ves	Not reported Not reported	SCELLANEOUS CROP FARMING	2 2	Not reported Not reported Not reported	Not reported Not reported Not reported Not reported	Not reported Not reported Not reported	Not reported Not reported Not reported	Not reported Not reported Not reported			Not reported Not reported	Not reported Not reported	Not reported Not reported Not reported	Not reported Not reported	Not reported	Not reported Not reported	2003-03-27 00:00.0 State	Trockennon, oc. Door 60
	FREMONT COOPERATIVE PRODUCE INC (Continued) 1006808396	al Waste:	ter. rter.	Non Storage Recycler Activity. Not reported Electronic Manifest Broker: Not reported	List of NAICS Codes and Descriptions: NAICS Codes: 111998 NAICS Description: ALL OTHER MISCELLANEOUS CROP FARMING	:u	Agency Which Determined Violation: Not reported Vialation Short Description: Not reported Date Violation was Determined: Not reported	ate:	ancy:		ite: Date: Date:	Disposition status. Not reported Disposition Status Beerption: Not reported Consent/Final Order Sequence Number:Not reported		Enforcement Responsible Person: Not reported Enforcement Responsible Sub-Organization: Not reported SEP Sequence Number:	tt: ion Date:			ary Amount t		Evaluation Action Summary: 2003-03-27 00:00.0 Evaluation Responsible Agency: State	Traccondition Brownico

EDR ID Number Database(s) EPA ID Number	U 003790699		UST U003866790 N/A		
MAP FINDINGS	:	Not reported 43.70317 -86.36454		COUNTY OF OCEANA ton SSTATE ST HART 49420-1188 CLOSED 00008330 Not reported MI 14427 Pol BOX 14 HART MI 14420-0014 Not reported 51687 34835 Paul E Ingla 1104/2006 510187 34835 Paul E Ingla 1104/2006 510187 1104/2006 510187 Paul E Ingla 1104/2006 510187 Paul E Ingla 1104/2006 510180 Paul E Ingla 1104/2006 510180 Paul E Ingla 1104/2006 510180 Paul E Ingla Paul Paul E Ingla Paul Paul E Ingla Paul Paul Paul Paul Paul Paul Paul Paul	
Sie	FORD GARAGE (Continued)	Impressed Device: Latitude: Longitude:	COUNTY OF OCEANA 100 S STATE ST HART, MI 49420	UST: Name: Address: Address: City/State.Zp: Facilly ID: Facilly ID: Facilly ID: Owner Name: Owner Atare: Owner State: Owner State: Owner Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Contact Phone: Data of Collection: Accuracy Value Unit: Accuracy Value Unit: Accuracy Value Unit: Contact Accuracy Value Unit: Data of Collection: Path Relates: Tank ID: Tank ID: Tank ID: Phong Material: Data Compartments: Tank Number: Tank Number: Phong Material: Data Compartments: Itank Construction: Phong Material: Construction: Phong Material: Construction: Phong Material: Construction: Phong Material: Construction: Facility Type: Facility Type: Facility Type: Facility Fagio:	
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Database(s)		Not reported	Handler Activities	Not reported Not reported	223 S STATE ST HART MI 40420	BLARNEY CASTLE OIL CO	Private BLARNEY CASTLE OIL CO	Private	No No	No	No No	No	No	No	No	No No	Not reported	Not reported	 Not reported	NN Not reported	No	Not reported Not on the Baseline	Not on the Baseline	Not reported	Not reported Not reported	Not reported	No	No	No	No	No NCAPS ranking No	No	N/A N/A	Not reported	Not reported	No	No			
MAPFINDINGS	BLARNEY CASTLE OIL CO (Continued)	Biennial Report Cycle:	Accessionity. Active Site Indicator:	State District Owner: State District	Mailing Address: Mailing City State Zin:	ourser Name:	Owner Type: Operator Name:	Operator Type: Short Torm Connector Antiliated	short- I erm Generator Activity: Importer Activity:	Mixed Waste Generator: Transconter Activity:	Transfer Facility Activity:	Recycler Activity with Storage: Small Quantity On-Site Burner Exemption:	Smelting Melting and Refining Furnace Exemption:	Underground Injection Control: Off-Site Waste Receint:	Universal Waste Indicator:	Universal Waste Destination Facility: Federal I Iniversal Maste	Active Site Fed-Reg Treatment Storage and Disposal Facility:	ive State-Reg Treatment Storage and Disposal Facility:	Active Site State-Keg Handler: Federal Facility Indicator:	Hazardous Secondary Material Indicator: Sub-Part K Indicator:	Commercial TSD Indicator:	Treatment Storage and Disposal Type: 2018 GPRA Permit Baseline:	2018 GPRA Renewals Baseline: Demnit Penevuole Workhood Llaivaree	Permit Norkload Universe: Permit Workload Universe:	Permit Progress Universe: Post-Closure Workload Universe:	Closure Workload Universe:	202 GPRA Corrective Action Baseline: Corrective Action Workload Universe:	Subject to Corrective Action Universe:	Non-I SUFs Where KCKA CA has been Imposed Universe: TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	TSDFs Only Subject to CA under Discretionary Auth Universe:	Corrective Action Priority Ranking: Environmental Control Indicator:	Institutional Control Indicator:	Human Exposure Controls Indicator: Groundwater Controls Indicator:	Operating TSDF Universe:	Full Enforcement Universe: Significant Non-Complian Universe:	Unaddressed Significant Non-Complier Universe:	Addressed Significant Non-Complier Universe: Significant Non-Complier With a Compliance Schedule Universe			
Site	BLARN	B	Ϋ́Ă	50 77	Ξž	Ō	00	00	がら	ΣÈ		ασ	Ū	50	5	5 4	A.	Ac	Ϋ́Α	ΪŪ	ŐÖ	2 Tr	20	ĬĂ	ă ă	0.0	Ŭ	ាលី	ž	Ϋ́	Ъ	i = :	ĒŪ	0	ΞŪ.	55	¥ ï.	5		
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Database(s) EPA ID Number Elevato	U003866790											istrict Office													RCRA-VSQG 1018157790 FINDS MIK882613494				2015-11-04 00:00:00.0	223 S STATE ST	HART, MI 49420	MIK882613494 ERIK A JOHNSON	Not reported	Not reported	231-864-2303	EJOHNSON@BLARNEYCASTLEOIL.COM	05 05	Private Conditionally Exempt Small Quantity Generator	Not reported	
EDR ID Number EPA ID Number		COUNTY OF OCEANA	PO BOA 14 HART	MI 19420-0014	Not reported	Paul E Inglis	(616) 873-4835 11104/2006	15 NAMP2	NAU83 METERS	STATE OF MICHIGAN POINT	Not reported	Interpolation-Map Region 3 - Grand Rapids District Office		2000 Removed from Ground	Gasoline	04/01/1967 04/13/1902	Not reported Mot recorded	Not reported	Not reported Not reported	Not reported Not reported	Not reported	43.70184 -86.36346								BLARNEY CASTLE OIL CO 223 S STATE ST	HART, MI 49420	MIK882613494 ERIK A JOHNSON	Not reported	Not reported	231-864-2303	EJOHNSON@BLARNEYCASTLEOIL.COM	05			
EDR ID Number Database(s) EPA ID Number	COUNTY OF OCEANA (Continued)		20.	Owner State: M Owner State: M Owner 1000 - 0000000000000000000000000000000	act:		Contact Phone: (6 16) 873-4835 Date of Collection: 11/04/2006		al Datum: y Value Unit:		Pesc Calegory: Not reported			Capadyr: 2000 Tank Status Removed from Ground		Remain(Date: 04/01/1667 Remain(Date: 04/01/1967	- of the control of the control		e Detection: al:	Pping Type: Not reported Tank Crastinerium: Not renormed	ed Device:	Latitude: 43.70184 Longtude: -86.36346			LE OIL CO RCRA-VSQG FINDS		Site 1 of 3 in cluster E	RCRA-VSOC.	Received by Agency:		: di Z, e		i.			Contact Email: Contact Email: Contact Title:			Non-Notifier	

EDR ID Number EPA ID Number	1018157790	T U00328167	
MAP FINDINGS	(continued) 447110 GASOLINE STATIONS WITH CONVENIENCE STORES GASOLINE STATIONS WITH CONVENIENCE STORES ces of Violations: No Violations Found y ^c No Evaluations Found	11006704200 11006704200 RCRAmb is a national information system that supports the Resource conservation and Recovery Act (RCRA) program that yong that program that yong that program that and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info allows RCRA and treat, store, or dispose of hazardous waste. RCRA/info and treat, store, or dispose of hazardous waste. RCRA/info and treat, store, or dispose of hazardous waste. RCRA/info and treat, store, or dispose of hazardous waste. RCRA/info additional FINDS: detail in the EDR Site Report. 1018157790 1108157400 1108157400 1108157400 1108157400 1108057044200 1108057044200 1108057044200 1108057044200 11080574200 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 1108057420 110805748 RCRAMET AMET 2233 SSTATE ST HART AMET 2233 SSTATE ST HART CONCOUNTION 110805748 RCRAMET 110805	
Map ID Direction Distance Elevation Site	BLARNEY CASTLE OIL CO (Continued) NAICS Sode: 447 NAICS Description: GA AlCS Description: GA Cality Has Received Notices of Violations: Violations: Evaluation Action Summary: Evaluation Action Summary:	FINDS: Registry ID: 11006704200 Clock Here: Environmental Interest/Information System: RCRAMIb is a national RCRAMIb is a national RCRAMIb is a national RCRAMIb is a national RCRAMID is a national R	
ID Number ID Number	157790		
MAP FINDINGS Database(s) EPA ID Number	1018157790 Not reported 2015-11-10 09:04:21.0 No No Not reported Not reported No	DDI Default Large CasTLE OLL CO Private Base-01-50 0000:00. Not reported Not rep	

EDR ID Number EPA ID Number	U 003328467
MAP FINDINGS	Not reported Not r
Map ID Direction Distance Elevation Site	HART EZ MART (Continued) Tark Release Detection: Piping Material: Piping Material: Piping Material: Piping Material: Piping Type: Tark Construction: Lengtude: Name: Congluce: Name: Area: Construction: Contract: Contr
R ID Number A ID Number	03328167
MAP FINDINGS Database(s) EPA ID Number	10 10 10 10 10 10 10 10 10 10

EDR ID Number EPA ID Number	U00 33 28 167
MAP FINDINGS	Regon 3 - Grand Rapids District Office 50 8000 Removed from Ground Benoved from Ground Benoved from Ground Not reported Not reported AS 70035 -65.3300 -00009478 Not reported Not reported
Map ID Direction Distance Elevation Site	HART EZ MART (Continued) District Tark (D): Capacity Tark Status: Stubstance: Park Status: Stubstance: Reales Detection: Pipe Release Detection: Pipe Release Detection: Piping Type: Tark Construction: Piping Type: Laftude: Nomer Adme: Owner Adme: Detecton: District Tark Relase Detection: District Tark Relase Detection: District District Tark Relase Detection: District
EDR ID Number EPA ID Number	C003328167
MAP FINDINGS EDR ID Number Database(s) EPA ID Number	Poesta Ever LAC Ever

EDR ID Number EPA ID Number	U003328167
MAP FINDINGS Database(s)	 (231) 864-3111 (01) 0.0 (02) 0.0 (03) 0.0 (04) 1.7/2001 (05) 0.0 (05) 0.0 (06) 1.6 (07) 1.6<!--</td-->
Site	HART EZ MART (Continued) contact Phone: Date of Collection: Hocuracy: Accuracy Value Unit: Accuracy Value Unit: Point Line Area: Desc Calegory: Desc Calegory: District: Tank ID: Capacity: Tank District: Tank ID: Capacity: Tank Number: Frank Status: Frank Relaase Detection: Pipe Relaase Detection: Pipe Relaase Detection: Piper Relaase Detection:
ap ID rection stance evation	
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Database(s) EPA ID Number	S12237827	INVENTORY \$125715520 NIA UST U003328417 NIA	TC6550291 2s Page 73
MAP FINDINGS Site	HART EZ MART (Continued) INVENTORY: HART EZ MART Nume: 223 SSTATE ST Address: 223 SSTATE ST CIty-State.Zp: HART, MI 49420 Bea Number: Not reported Township: Not reported Districe Grand Rapds Data Source Part 219		it
Map ID Direction Distance Elevation Si	Ŧ	F40 22 East 22 1/8-1/4 H 1/8-1/4 H 1	
EDR ID Number EPA ID Number	U003328167	T 512527827 VV NUA	6550291.2s Page 72
MAP FINDINGS EDR ID Number Database(s) EPA ID Number	FZ MART (Continued) U003328167 Tank Number: Not reported Tank Details Compartments: Not reported Tank Details Compartments: Not reported Pipe Release Detection: Not reported	dard Positioning Service SA Off	Uhknown Open Notreported TC6550291.2s Page 72

EDR ID Number Database(s) EPA ID Number	U003328417																				LUST 1000526750 UST N/A				
MAPFINDINGS		Not reported 43.70257 -86.36226	GREINERS GARAGE 311 E MAIN ST	HART 49420-1264 CLOSED	000 I 2024 Not reported BOONSTRA OIL CO INC	52 S JEBAVY LUDINGTON	MI 49431 Matematical	Not reported 8434090 Not reported	()- 01/11/2001	100 NAD83 FEET	STATE OF MICHIGAN POINT	Hant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office	1 2000 Removed from Ground	Gasoline 04/29/1976	01/01/1987 Not reported Not reported	Not reported Not reported Not remorted	Not reported Not reported	Not reported Not reported	-86.36226				RT PUBLIC SCHOOLS	300.JOHNSON ST 300.JOHNSON ST HART, MI 49420- 00035559 STATE OF MICHIGAN HartPublic Schools	
	GREINERS GARAGE (Continued)	Impressed Device: Latitude: Longitude:	Name: Address:	City, State, Zip: Facility Type:	Facility Region: Owner Name:	Owner Address: Owner City:	Owner State: Owner Zip:	Owner Phone: Contact:	Contact Phone: Date of Collection:	Accuracy: Horizontal Datum: Accuracy Value Unit:	Source: Point Line Area:	Uesc Category: Method of Collection: District	Tank ID: Capacity: Tank Status:	Substance: Install Date:	Remove Date: Tank Number: Tank Details Compartments:	Tank Release Detection: Pine Release Detection:	Piping Material: Piping Type:	Tank Construction: Impressed Device: Latitude:	Longitude:		HART PUBLIC SCHOOLS 300 JOHNSON ST		LUST: Name	Address: Address: City,State,Zip: Facility ID: Source: Owner Name:	
Map ID Direction Distance Elevation Site	GREII																			1	42 SSE	1/4-1/2 0.252 mi. 1333 ft.	Relative: Higher	Actual: 683 ft.	
Map ID Direction EDR ID Number EPA ID Number EPA ID Number	U003328417 GREI																			:	42 82 82	1/4-1/2 0.252 m 1323 ft	Relative	Action 14	
Map ID Direction Distance Elevation		Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office	5 0 Removed from Ground	Gasoline 0.02/31/314	0.1/0/17.96/ Nortreported Nort reported	Not reported Not reported	Not reported Not reported	Nor reported Nor reported 43.70257	-86.36226	GAETINEATE GARAGE BANINS ST HART 4920-1264	CLOSED 0012224	NO FORMATA OIL CO INC 52 S JEBANY	LUDINGTON MI 16421	Not reported 84.34.090	Not reported ()- ()- ()- ()- ()- ()- ()- ()- ()- ()-	01112201 100 NAADR3	FEET STATE OF MICHIGAN	POINT Plant Attriance (Freight) Addraces Mathinic-Harrise Minimber	Region 3 - Grand Rapids District Office 2	a from Ground		01/01/38/ Not reported 0.22 zm Not reported 1333 ft.		Not reported Actualization State Actualization Not reported SS3 ft.	

EDR ID Number Database(s) EPA ID Number	1000526750																																														
MAPFINDINGS	(p	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	43.69914	-86.36220	HART PLIRI IC SCHOOLS	300 JOHNSON ST	HART 49420-1059	CLOSED 00035597	Not reported	HART PUBLIC SCHOOLS	2266 E POLK RD HART	MI	49420-8514	Not reported	JAMES JOHNSON	(616) 873-5691	01/11/2001	100 NAD83	FEET	STATE OF MICHIGAN	POINT	Plant Entrance (Freignt) Address Matchino-House Number	Region 3 - Grand Rapids District Office	2	1000 Bemoved from Ground	Gasoline	Not reported	10/23/1991	Not reported Not reported	Not reported	Not reported	Not reported	Not reported	Not reported	43.69914 -R6 36220		HART PUBLIC SCHOOLS	300 JOHNSON ST	HAKI 49420-1059		
Map ID Direction Distance Elevation Site	HART PUBLIC SCHOOLS (Continued)	Install Date:		Tank Details Compartments:	Pipe Release Detection:	Piping Material:	Piping Type: Tank Construction:	Impressed Device:	Latitude:	Longitude:	Name.	Address:	City,State,Zip:	Facility Type: Facility ID:	Facility Region:	Owner Name:	Owner Address:	Owner State:	Owner Zip:	Owner Contact:	Contact:	Contact Phone:	Date of Collection:	Accuracy: Horizontal Datim:	Accuracy Value Unit:	Source:	Point Line Area:	Desc Calegory: Method of Collection:	District:	Tank ID:	Capacity: Tank Status:	Substance:	Install Date:	Remove Date:	Tank Number: Tank Details Compartments:	Tank Release Detection:	Pipe Release Detection:	Piping Material:	Tank Construction:	Impressed Device:	Latitude: Longitude:		Name:	Address:	City,State,∠ip:		
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EDR ID Number	1000526750																																														
MAP FINDINGS EDR ID Number Database(s) EPA ID Number	HART PUBLIC SCHOOLS (Continued) 1000526750	Not reported	Number of the second se	Not reported	Gon Grand Rapids	Hart Public Schools	43.69914 - a6 36220	00/1/1/2001	Address Matching-House Number	100	FEET NADR3	TNIO	Plant Entrance (Freight)	Not reported Not renormed	Not reported	Not reported	House District. Mor reported		C-2228-91	10/23/1991	UINIUWII Closed	2661/27/20		HART PUBLIC SCHOOLS	300 JOHNSON ST	HAKI 49420-1059 CLOSED	00035597	Not reported	HART PUBLIC SCHOOLS	2266 E PULK RU HART	M	49420-8514	Not reported 64.6873-40.60	JAMES JOHNSON	(616) 873-5691	01/11/2001	UU NALN33	FEET	STATE OF MICHIGAN	Plant Enternor (Freinht)	Address Matching-House Number	Region 3 - Grand Rapids District Office	100	rouo Removed from Ground	Diesel		

EDR ID Number Database(s) EPA ID Number	INVENTORY \$114021790 N/A									LUST U00386543 UST N/A BROWNFIELDS	INVENIORY							TC6550291.2s Page 79
Map ID Direction Distance Elevation Site	644 100 SOUTH UNION STREET ESE 100 SOUTH UNION STREET 1401/22 HART, MI 49420	. <u></u>		Bea Number: Township: District	urce: : de:	Name: 100 SOUTH UNION STREET Address: 100 SOUTH UNION STREET City Stata Zino, HART MIL44201		ource: s: de:		H45 FARMERSPETROLEUM CO-OP INC South 564 STATE ST 144-12 HART, MI 49420	u-sus mi. 1601 ft Aleivies	ne: ress: \$tate,Zip: liity ID:	Source: STATE OF MICHIGAN Owner Names: FramesPetro Coop Inc Owner Adress: Nor reported Owner ChySt,Zip: UNKNOWN, MI Owner Charact: Nor reported Owner Prone: Nor reported			gram: Jram:	Risk Condition: Not reported Project Manager: Not reported Senate District: Not reported	
Ma Dir Ele	G44 ESE 1/4-1	139	Hig Act							H45 Sout	160	Hig Act 833						
umber umber	20																	age 78
EDR ID Number Database(s) EPA ID Number	1000526750												BEA \$105768623 N/A					TC6550291.2s Page 78
	1 CLOSED	Not reported Not reported PART PLUELCSCHOOLS	HART HART MM 4920-B614	Not reported 61665.517HNSON LAMES.317HNSON	(616) 872-5691 01/11/2001 100	NAUGS FEET STATE OF MICHIGAN	Plant Entrance (Freight) Address Matching-House Number Reaton 3. Grand so Britch Office	1 500 Removed from Ground	U es du No reported 10/23/1991		Not reported Not reported Not reported	Not reported Not reported 43.69914 -86.36220		reported	38 mon Rapids 152.003 of Hart	Request Hazardous Substance(s) Request 'ent1	vronmental Response Division	TC6550291.2s Page 78
Database(s)	SCHOOLS (Continued) be: CLOSED	Facility Region: UN050397 Facility Region: Not reported Owner: HART PUBLC SCHOOLS		tact: ne:			Desc Glagory. Pers Calegory. Plant Entrance (Freight) Method of Collection: Address Matching-House Number District: Readon 3- Grands District:	: stus:		ents:		uction: evice:		Site 1 of 2 in cluster G BEA: Secondary Address: Not reported		tion: 77A:	Division Assigned: Environmental Response Division	TC6550291.2s Page 78

EDR ID Number Database(s) EPA ID Number	U003866543																							
MAPFINDINGS	(Continued)	PO BOX 30960 LANSING MI	48909-8460 Not reported 5173237000	WAYNE GAY (517) 323-7000 01/11/2001	100 NAD83	STATE OF MICHIGAN POINT	Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office	2 550 1/	Removed from Ground Gasoline 04/29/1961	06/08/1988 Not reported Not reported	Not reported Not reported Not reported	Not reported	Not reported 43.69758 -86.36371	FARMERS PETROLEUM CO-OP INC	04-051A1E-01 HART 49420-1231 CLOSED	Not reported	PO BOX 30960	MI 48909-8460	Not reported 5173237000	WAYNE GAY (517) 323-7000 01/11/2001	100 100 NAD83	FEET STATE OF MICHIGAN POINT	Plant Entrance (Freight) Address Matching-House Number	
Map ID Direction Distance Elevation Site	FARMERS PETROLEUM CO-OP INC (Continued)	Owner Address: Owner City: Owner State:	Owner Zip: Owner Contact: Owner Phone:	Contact: Contact Phone: Date of Collection:	Accuracy: Horizontal Datum:	Accuracy value onn. Source: Point Line Area:	Desc Category: Method of Collection: District:	Tank ID: Capacity: Tank Content	I ank Status: Substance: Install Date:	Remove Date: Tank Number: Tank Details Compartments:	Tank Release Detection: Pipe Release Detection: Piping Material:	Piping Type: Tank Construction:	Impressed Device: Latitude: Longitude:	Name: Aritrass:	City,State,Zip: Facility Type:	Facility Region:	Owner Name. Owner Address:	Owner State: Owner Zip:	Owner Contact: Owner Phone:	Contact: Contact Phone: Date of Collection:	Accuracy: Horizontal Datum:	Accuracy Value Unit: Source: Point Line Area:	Desc Category: Method of Collection:	
EDR ID Number EPA ID Number	U003866543																							
MAP FINDINGS EDR ID Number Database(s) EPA ID Number	ued)	House District: Not reported US Congressional District. Not reported	C-1320-85 06/08/1988 Duriteported	Open Notreported	FARMERS PETROLEUM CO-OP INC 604 S STATE ST	HART 49420-1231 CLOSED MM42742	Not reported FRAMERES PREVECTION INC		48909-8460 Not reported	WAYEE OOU WAYEE GAY (517) 223-7000	001/1/2001 NADB3 NADB3	FEET STATE OF MICHIGAN POINT	Plant Entrance (Freight) Address Matching-House Number Redon 3 - Grand Matching-House Number	3 550	Removed from Ground Gasoline 04/29/1961	06/08/1988 Not reported	Not reported Not reported	Not reported Not reported Not reported	to the properties of the second s	43.68758 -86.36371	FARMERS PETROLEUM CO-OP INC	HART 4220-1231 CLOSED	00004787 No regorded FARMERS PETRO COOP INC	

EDR ID Number Database(s) EPA ID Number	INVENTORY S114027464 NIA NIA NIA LUST S118615850 INVENTORY NIA		TC6550291.2s Page 83
Dat	UTH STATE STREET UTH STATE STREET 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	iti	
Site	504 SOUTH STATE STREET 504 SOUTH STATE STREET 504 SOUTH STATE STREET 504 SOUTH STATE STREET 005 EAN 400 Stie 3 of 3 in cluster H and 10472 State ZDP 10405 City State ZDP 20406 C	Longiude: Date of Collection: Method of Collection: Accuracy Value Unit: Horizontal Data: Point Line Area: Point Line Area: Period Manager: Risk Condition: Risk Condition: Ri	
E S S D			
Map ID Direction Distance Elevation	H47 South 11601 ft. 13030 1601 ft. 1601 ft. 885 835 ft. 278 ft. 278 ft. 865 ft. 685 ft. 685 ft.		
Map I Database(s) EPA ID Number Eleva	U003866643 H47 South 1447/12 0.303 m Higher Actual: 555 ft. 2278 ft. 2276 ft. 2276 ft. 2276 ft. 2276 ft. 2276 ft. 2276 ft.	BEA \$106096633 NA	TC6550291.2s Page 82
EDR ID Number EPA ID Number			TC6550291.2s Page 82

EDR ID Number Database(s) EPA ID Number	LUST U002302861 UST N/A WDS WDS	TC6550291.2s Page 85
MAP FINDINGS	STOKELY USA INC STOKELY USA INC 409 WOOD ST 409 WOOD ST 409 WOOD ST Magaza STATE OF MICHIGAN STATE OF MICHIGAN Not reported Not Not Not Not Not Not Not Not Not Not	WI 5006-4829 Not reported 145677731 ROGER F. WARMUSKERKEN (616) 873-2736 01/11/2001 100
Map ID Direction Distance Elevation Site	STOKELY USA INC Ag9 WOOD ST Adfass: Source: <	Owner State: Owner Zpr: Owner Phone: Contact: Date of Collection: Accuracy:
Map ID Direction Distance Elevation	150 SSE 0.437 m. 2308 ft. Actual 668 ft.	
Director Database(s) EPA ID Number Database(s) EPA ID Number Elev	S118615850 ISO SEE 14747 22281 22281596 NA NA NA	TC6550291.2s Page 84
EDR ID Number EPA ID Number	And the second s	

EDR ID Number Database(s) EPA ID Number	U002302861	
MAPFNDINGS	Morreported Not reported Not Re	
Site	STOKELY USA INC (Continued) Pipe Relaces Detection: Notit Pipe Relaces Device: Notit Tark Construction: Notit Fank Construction: Notit Intersed Evice: 4361 Latitude: 5436 Latitude: 5436 MINPDES: Notit Relative Sector Sector City State Zip: Permitee For Bate: Erfective Date: Freque Date: Erfective	
Map Dista Elev		
Database(s) EPA ID Number EPA ID Number Evation	I002302861	
EDR ID Number EPA ID Number	Mass Err Stranseries Control C	

EDR ID Number Database(s) EPA ID Number	INVENTORY \$105965691 PART 201 N/A			
MAPFINDINGS	мм НАКТ ОАD	OCEANA CO RD COMM HART 3501 WEST POLK ROAD HART, MI 49420 Not reported Hart Grand Reptds 943.68818 -96.36466	6400005 Instantiation Raad Commission 22 1109/2005 15N 21 17W 20 NC NC NC NC NC NC NC	
	OCEANA CO RD COMM HART 3501 WEST POLK ROAD HART, MI 49420	NVENTORY: Name: Address: City,State,Zip: Bea Number: Township: District Data Source: Latitude: Longitude:	PART 201: Facility ID: Facility Status: SaM Score Date: Sam Score Date: Township: Reage: Reage: Quarter/Quarter: Pollutants:	
Map ID Direction Distance Elevation Site	53 OC South 350 1/2-1 HA 0.920 mi. 4858 ft.			
2000	8 0 1 0 5 3 8 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	AC 70		
D Number D Number		H H H A Y	1400300 	
	S123643094 N/A	HH HH A M	FUDS 1024900300 NA antory/map/map/map/map/map/map/map/map/map/map	
EDR ID Number EPA ID Number	INVENTORY \$123643094 NA		FIDS 102400000 Marginal Sectors Marginal Sectors Marginal Marginal Sectors Marginal Marginal Sectors Marginal District (LRL) Marginal Marginal Marginal Marginal Sectors Marginal Marginal Margina	
EDR ID Number Database(s) EPA ID Number	INVENTORY \$123643094 NA	REET AT JOHNSON STREET, HART, REET AT JOHNSON STREET	5 MIS9796F684200 2 HART PRISONER-OF-WAR CAMP HART MIT MIT MIT MIT MIT MIT MIT MIT MIT MI	
EDR ID Number Database(s) EPA ID Number	S123643094 N/A	NVENTORY: Admes: CRISWOLD STREET AT JOHNSON STREET, HART, Address: CRISWOLD STREET AT JOHNSON STREET, HART, Address: CRISWOLD STREET AT JOHNSON STREET Cliny State. Zp; Bea Number: Notreported Township: Cran Applied District: Cran	AR CAMP Is In milems/inventory/	

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06 90a9 22.162055000

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 (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority leanup 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 diffices.

Source: FPA

Source: EPA Telephone: N/A Last EDR Contact: 06/04/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

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

NPL Site Roundaries 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 8 Telephone: 303-312-6774 EPA Region 4 Telephone 404-562-8033 EPA Region 5 Telephone 312-886-6686 EPA Region 9 Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites osed WH-1: Proposed National Priority List Siles? 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 isling.

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: N/A Last EDR Contact: 06/04/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

EPA Region 10 Telephone 206-553-8665

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.

TC6550291.2s Page GR-1

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest und the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFR renamed to SEMA RCHIVE by the FPA in 2015. FPA may perform a minimal level of assessment work at a site it is archived if site conditions change and/or new information becomes available. Archived sites have been remove and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPAs 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 Prointes List (PUL), 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 Date Data Arrived at EDR: 05/03/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 16 Source: EPA Source: EPA Telephone: 800-424-9346 Last EDR Contact: 06/04/2021 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

Telephone: 800-424-9346 Last EDR Contact: 06/21/2021 Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly 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: 10/04/2021 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

Date Data Arrived at EDR: 03/23/2021

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 Anendments (HSWA) of 1984. The database includes selective information on silse which generate, transport, store, text 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 disits 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 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 57

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators VALUS: NCRA Large Lutanity cenerators RCRAInto LEPKs comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Wates Amendments (HSWA) of 1984. The database includes selection information on sites which generate Linataport. Store Land and or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LCBG) generate over 1.000 klogman (kg) of hazardous waste, or over 11 kg of Acuteh hazardous waste and the resource Conservation and Recovery Act (RCRA).

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: 10/04/2021 Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planr

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

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. Source: EPA Source: EFA Telephone: N/A Last EDR Contact: 06/04/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

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

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 deaung activities. Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 03/30/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Varies

Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 03/30/2021 Date Made Active in Reports: 06/17/2021 Number of Days to Update: 79

SEMS: Superfund Enterprise Management System SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedia activities performed in support of EPA's Superfund Program across the United States. The list was formerly know 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 Prolifies 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 Date Data Arrived at EDR: 05/03/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 16

R prises for possible analysis Source: EPA Telephone: 800-424-9346 Last EDR Contact: 06/04/2021 Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Federal CERCLIS NERAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators RCRAInto 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 Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 57

Value per Infoluti. Source: Environmental Protection Agency Telephone: 312-886-6186 Last EDR Contact: 06/21/2021 Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Event) Small Quantity Generators) RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1076 and the Hacardous 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 g of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Source: Environmental Protection Agency Telephone: 312-886-6186 Last EDR Contact: 06/21/2021

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

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. Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/05/2021 Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: Varies Date of Government Version: 02/09/2021 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 39

NG CONTROLS: Engineering Controls Sites List A listing of alses 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. US ENG CONTROLS: Engineering Co

Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 02/23/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 85

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 05/21/2021 Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List A listing of altes 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 gen required as part of the institutional controls. erally

Date of Government Version: 02/22/2021 Date Data Arrived at EDR: 02/23/2021 Date Made Active in Reports: 05/19/2021 Number of Days to Update: 85

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 05/21/2021 Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

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

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

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.

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 06/17/2021 Next Scheduled EDR Contact: 06 Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Source: FEMA Telephone: 202

UST 2: Underground Storage Tank Listing A listing of underground storage tank site locations that have unknown owner information.

Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies

Source: Department of Licensing & Regulatory Affairs Telephone: 517-373-1820 Last EDR Contact: 04/08/2021 Next Schedule EDR Contact: 07/26/2021 Data Release Frequency: Varies

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.

Source: National Response Center, United States Coast Guard

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-284-5103

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-335-4035 Last EDR Contact: 06/21/2021 Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Semi-Annually

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-373-9837 Last EDR Contact: 05/05/2021 Next Schedulet EDR Contact: 08/23/2021 Data Release Frequency: Annually

. 08/02/2021

Source: National Response Center, United Telephone: 202-267-2180 Last EDR Contact: 06/17/2021 Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly

Telephone: 517-284-5103 Last EDR Contact: 04/16/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: No Update Planned

Federal ERNS list

Date of Government Version: 03/22/2021

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

Date of Government Version: N/A Date Data Arrived at EDR: 10/31/2013 Date Made Active in Reports: 11/20/2013 Number of Days to Update: 20

Date of Government Version: 03/23/2021 Date Data Arrived at EDR: 03/24/2021 Date Made Active in Reports: 06/15/2021 Number of Days to Update: 83

Date of Government Version: 02/09/2021 Date Data Arrived at EDR: 02/10/2021

Date Made Active in Reports: 05/12/2021 Number of Days to Update: 91

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021

wade Active in Reports: 0 ber of Days to Update: 84

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian La A listing of leaking underground storage tank locations on Indian

FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021 Date Data Arrived at EDR: 02/17/2021

Date Made Active in Reports: 03/22/2021 Number of Days to Update: 33

Date of Government Version: 07/12/2020 Date Data Arrived at EDR: 07/16/2020 Date Made Active in Reports: 10/02/2020 Number of Days to Update: 78

UST: Underground Storage Tank Facility List

State and tribal leaking storage tank lists

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

State- and tribal - equivalent CERCLIS

SWF/LF: Solid Waste Facilities Database

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

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 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 80

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 Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84

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 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

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 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

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 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

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 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Draska Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Source: EPA Region 6

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 08/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Source: EPA Region 10

Telephone: 206-553-2857 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Source: EPA, Region 5 Telephone: 312-886-7439 Telephone: 312-886-7439 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

State and tribal registered storage tank lists

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 84

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 06/17/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

INDIAN UGT R& 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). Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies Date of Government Version: 10/09/2020 Date Data Arrived at EDR: 12/16/2020

Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

INDIAN UST R6: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 6 (Louisban, Arkansa, CAlshoma, New Mexico, Texas and 65 Tribes). Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 08/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84

INDIAN UST R7. Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 7 (Iowa, Kansas, Missouri, Nebrasa, and 9 Tribal Nations). Date of Government Version: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 06/11/2021 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 Iand in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations). Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

INDIAN UST R1: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86 Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies

State and tribal institutional control / engineering control registri



INDIAN UST R10: Underground Storage Tanks on Indian Land The Indian Underground Storage Tanks on Indian Land Iand in EPA Region 10 (Jaksia, Idaho, Oregon, Washington, and Tribal Nations). , Yeanington, and Thear Yeadons). Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 06/11/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Varies Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86

INDIAN UST R4: Underground Storage Tanks on Indian Land The Indian Underground Storage Tanks (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 4 (Alabama, Fichia, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

tal Protection Agency

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-335-4034 Last EDR Contact: 02/28/2003

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-241-5719 Last EDR Contact: 60/08/2021 Next Schedule EDR Contact: 10/04/2021 Data Release Frequency: Varies

Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 06/10/2021 Next Scheduled EDR Contact: 09/27/2021 Data Release Frequency: Semi-Annually

Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Pla

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

Source: Enviro

AUL: Engineering and Institutional Controls A listing of sites with institutional and/or engineering controls in place. Source: Department of Environment, Great Lakes, and Energy Teleptone: 517-373-4828 Last EDR Contact: 05/19/2021 Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Quarterfy 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 State and tribal voluntary cleanup si 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: 072727015 Date Date Arrived at EDR: 092/32/015 Date Made Archive in Reports: 02/18/2016 Number of Days to Update: 142 Date Made Frouce: 001/5/2021 Next Scheduled EDR Contact: 10/04/5/2021 Next Scheduled EDR Contact: 10/04/5/2021 Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 06/15/2021 Next Scheduled EDR Contact: 1 Data Release Frequency: Varie:

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng A listing of voluntary cleanup priority sites locat ed on Indian Land located in Region 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 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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan. Date of Government Version: 01/15/2016 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 Scheduler EDR Contact: 08/02/2021 Data Release Frequency: Varies

10/04/2021

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 Development Association, Detrot Edison, Detrot Area Commercial Board Developme 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. Clearing up and reinvesting in these substances are real properties takes development pressures of 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 reapients 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 Wy Community. Cleanups in Wy Community, Cleanups in My Community. Cleanups in My Community, Cleanups in My Community, provides information on provided back to EPA, as well as areas served by Brownfields grant regions.

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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 hazar substance(s) in excess of the Part 201 residential inferria, and/or where corrective actions have not been comp under Part 201 to meet the applicable cleancy certain for unrestricted residential use. The Part 201 List does not include all of the sites of contamiation that are subject to regulation under Part 201 because owners are substance(b) before the DP abult the sites and can pursue deaung independently. Sites of environmental d not include and the state of Containiation that are subject to regulation truther in a Lot Decadewine's atte-not required to find in the DEQ about the sites and can pursue cleaning high properties 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 Eacilities

ENTORY: 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 submittais of Baseline Environmental Assessments (EA) submitted pursuant to Part 210 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 213 to Ecuse owners are not required to inform the Department of Environmental Quality (DEO) 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 i owner/ionmental impact. Part 213 facilities Istied there 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 the involvemental that env or prospective property owners/operations disclose to the DEQ dentifying the property as a facility pursuant to Part 213 individes. There may be more than one BEA for each facility. Date of Covernment Version: 012022 in Source: Department of Environment. Great Lakes, and Energy

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

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 Plann nned

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

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

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

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

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land. Date of Government Version: 12/31/1992 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008 Number of Days to Update: 52

Upen 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 Subtleb D Criteria. ODI: Open Dump Inven 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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations A lating of llegal dump sites location on the "Torres Martinez Indian Reservation located in eastern Riverside County and northern Impetial County, California 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 Plan 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

IHS OPEN DUMPS: Open Dumps on Indian Land A listing of all open dumps located on Indian ed 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

an in the Oneo Calets. Source: Department of Health & Human Serivces, Indian Health Service Telephone: 301-443-1452 Last EDR Contact: 04/29/2021 Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Varies

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEL P

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 Governmet Version: 08/01/2013 Source Comparison of Environment, Great Lakes, and Energy Date Data Arrived at EDR: 08/01/2013 Telephone: 617-373-9541 Date Mada Active in Reports: 09/11/2013 Last EDR Contact: 07/22/2019 Number of Days to Update: 41 Data Release Frequency: Varies Data Release Frequency: Varies Data

US CDL: Clandestine Drug Labs A listing of clandestine drug lab locations. The U.S. Department of Jusice ("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 entifies 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 1950a??s. 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 is, and personanciare products. 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

o. Lent URI 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 duly arising out of response actions, cleanup, or other remediation of hazardous substances or prevoluem products upon a property, including (but not limited to juins 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 Contac: 04/15/2021 Next Schedule EDR Contac: 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 contan 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	Source: Environmental Protection Agency Telephone: 202-564-6023	FEDLAND: Federal and Indian Lands Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps
Date Made Active in Reports: 05/19/2021 Number of Days to Update: 16	Last EDR Contact: 06/04/2021 Next Scheduled EDR Contact: 07/12/2021	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,
	Data Release Frequency: Semi-Annually	Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.
Records of Emergency Release Reports		Date of Government Version: 04/02/2018 Source: U.S. Geological Survey Date Data Arrived at EDR: 04/11/2018 Telephone: 888-275-8747
HMIRS: Hazardous Materials Information Report Hazardous Materials Incident Report System	ng System n. HMIRS contains hazardous material spill incidents reported to DOT.	Date Made Active in Reports: 11/06/2019 Last EDR Contact: 04/05/2021 Number of Days to Update: 574 Next Scheduled EDR Contact: 07/19/2021
Date of Government Version: 03/22/2021	Source: U.S. Department of Transportation	Data Release Frequency: NA
Date Data Arrived at EDR: 03/24/2021 Date Made Active in Reports: 06/17/2021	Telephone: 202-366-4555 Last EDR Contact: 06/17/2021	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
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly	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,
PEAS: Pollution Emergency Alerting System		Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Date of Government Version: 01/01/2017 Source: Environmental Protection Agency
Environmental pollution emergencies reporte pipeline breaks, and release of reportable qu	ed to the Department of Environmental Quality such as tanker accidents, uantities of hazardous substances.	Date Data Arrive at EDR: 02/03/2017 Telephone: 615-532-8599 Date Made Active in Reports: 04/07/2017 Last EDR Contact: 05/18/2021
Date of Government Version: 03/31/2020 Date Data Arrived at EDR: 04/28/2020	Source: Department of Environment, Great Lakes, and Energy Telephone: 517-373-8427	Number of Days to Update: 63 Next Scheduled EDR Contact: 08/22/2021 Data Release Frequency: Varies
Date Made Active in Reports: 07/16/2020	Last EDR Contact: 04/20/2021	
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Quarterly	US FIN ASSUR: Financial Assurance Information All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide
Other Ascertainable Records		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 Source: Environmental Protection Agency
RCRA NonGen / NLR: RCRA - Non Generators /		Date Data Arrived at EDR: 03/23/2021 Telephone: 202-566-1917 Date Made Active in Reports: 06/17/2021 Last EDR Contact: 06/21/2021
and Recovery Act (RCRA) of 1976 and the H	ion system, providing access to data supporting the Resource Conservation Hazardous and Solid Waste Amendments (HSWA) of 1984. The database	Number of Days to Update: 86 Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly
as defined by the Resource Conservation ar	e generate, transport, store, treat and/or dispose of hazardous waste ad Recovery Act (RCRA). Non-Generators do not presently generate hazardou	EPA WATCH LIST: EPA WATCH LIST
waste. Date of Government Version: 03/22/2021	Source: Environmental Protection Agency	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
Date Data Arrived at EDR: 03/23/2021 Date Made Active in Reports: 05/19/2021	Telephone: 312-886-6186 Last EDR Contact: 06/21/2021	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
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Quarterly	has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged
FUDD: Franch Used Defense Obse	Data Release Frequency: Quarteny	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.
	ed Defense Sites properties where the US Army Corps of Engineers	Date of Government Version: 08/30/2013 Source: Environmental Protection Agency Date Data Arrived at EDR: 03/21/2014 Telephone: 617-520-3000
is actively working or will take necessary clear Date of Government Version: 02/11/2021	anup actions. Source: U.S. Army Corps of Engineers	Date Made Active in Reports: 06/17/2014 Last EDR Contact: 04/30/2021 Number of Days to Update: 88 Next Scheduled EDR Contact: 08/16/2021
Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 04/05/2021	Telephone: 202-528-4285 Last EDR Contact: 05/18/2021	Data Release Frequency: Quarterly
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/30/2021 Data Release Frequency: Varies	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
DOD: Department of Defense Sites	Data Nelease Frequency, valies	Universe. This RCRA cleanup baseline includes facilities expected to need corective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but
This data set consists of federally owned or	administered lands, administered by the Department of Defense, that acres of the United States, Puerto Rico, and the U.S. Virgin Islands.	contains a wave variety of sites. Some properties are nearly containinated wine containinated out 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: 12/31/2005	Source: USGS	Date of Government Version: 09/30/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007	Telephone: 888-275-8747 Last EDR Contact: 04/16/2021	Date Data Arrived at EDR: 05/08/2018 Telephone: 703-308-4044 Date Made Active in Reports: 07/20/2018 Last EDR Contact: 05/07/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Semi-Annually	Number of Days to Update: 73 Next Scheduled EDR Contact: 08/16/2021 Data Release Frequency: Varies
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TSCA: Toxic Substances Control Act Toxic Substances Control Act. TSCA identifi		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() of these amendments. The rule, which buil upon existing
TSCA: Toxic Substances Control Act Toxic Substances Control Act, TSCA identifi TSCA Chemical Substance Inventory list. It site. Date of Government Version: 12/31/2016	SEARCHED / DATA CURRENCY TRACKIN es manufacturers and importers of chemical substances included on the includes data on the production volume of these substances by plant. Source: EPA	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 actemety hazardous substances. The Risk Management Program Rule (RPM Publy was written to implement Section 112(r) of these amendments. The rule, which buil topon aciding industry codes and standards, requires companies of all sizes that use certain fammable and toxic substances to develop a Risk Management Program, which includes a(r). Hazard assessment that defails the potential effects
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	SEARCHED / DATA CURRENCY TRACKING	GOVERNMENT RECORDS	SEARCHED / DATA CURRENCY TRACKING
FTTS tracks administrative cases and pest	Federal Insecticide, Europicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) cicle enforcement actions and compliance activities related to FIFRA. nd Community Right-to-Know Act). To maintain currency, EDR contacts the	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: 08/22/2021 Noxt Schedued EDR Contact: 10/11/2021
Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances	Number of Days to Update: 84	Data Release Frequency: Quarterly
Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 25	Telephone: 202-566-1667 Last EDR Contact: 08/18/2017 Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned	information was obtained from the National	he FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The Compliance Database (NCDB). NCDB supports the implementation of FIFRA
ETTS INSD: EIEPA/ TSCA Tracking Suptem - E	FRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)	are now closing out records. Because of that	cide Act) and TSCA (Toxic Substances Control Act). Some EPA regions t, and the fact that some EPA regions are not providing EPA Headquarters
A listing of FIFRA/TSCA Tracking System	FTTS) inspections and enforcements.	with updated records, it was decided to crea in the newer FTTS database updates. This of	te a HIST FTTS database. It included records that may not be included latabase is no longer updated.
Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009	Source: EPA Telephone: 202-566-1667 Last EDR Contact: 08/18/2017	Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007	Source: Environmental Protection Agency Telephone: 202-564-2501
Number of Days to Update: 25	Last EDK Contact: 00102017 Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned	Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40	Last EDR Contact: 12/17/2007 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned
	tory Commission and contains a list of approximately 8,100 sites which	HIST FTTS INSP: FIFRA/TSCA Tracking System A complete inspection and enforcement cas	Inspection & Enforcement Case Listing I listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA
EDR contacts the Agency on a quarterly ba		regions. The information was obtained from	the National Compliance Database (NCDB). NCDB supports the implementation d Rodenticide Act) and TSCA (Toxic Substances Control Act). Some
Date of Government Version: 03/08/2021 Date Data Arrived at EDR: 03/11/2021	Source: Nuclear Regulatory Commission Telephone: 301-415-7169	EPA Headquarters with updated records, it v	acause of that, and the fact that some EPA regions are not providing vas decided to create a HIST FTTS database. It included records that
Date Made Active in Reports: 05/11/2021 Number of Days to Update: 61	Last EDR Contact: 04/16/2021 Next Scheduled EDR Contact: 08/02/2021	may not be included in the newer FTTS data Date of Government Version: 10/19/2006	base updates. This database is no longer updated. Source: Environmental Protection Agency
	Data Release Frequency: Quarterly	Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007	Telephone: 202-564-2501 Last EDR Contact: 12/17/2008
COAL ASH DOE: Steam-Electric Plant Operation A listing of power plants that store ash in st	Inface ponds.	Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned
Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 12/01/2020	Source: Department of Energy Telephone: 202-586-8719	DOT OPS: Incident and Accident Data	
Date Made Active in Reports: 02/09/2021 Number of Days to Update: 70	Last EDR Contact: 05/27/2021 Next Scheduled EDR Contact: 09/13/2021	Department of Transporation, Office of Pipel Date of Government Version: 01/02/2020	ine Safety Incident and Accident data. Source: Department of Transporation, Office of Pipeline Safety
	Data Release Frequency: Varies	Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/17/2020	Telephone: 202-366-4595 Last EDR Contact: 04/27/2021
COAL ASH EPA: Coal Combustion Residues S A listing of coal combustion residues surface	rface Impoundments List e impoundments with high hazard potential ratings.	Number of Days to Update: 80	Next Scheduled EDR Contact: 08/09/2021 Data Release Frequency: Quarterly
Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019	Source: Environmental Protection Agency Telephone: N/A	CONSENT: Superfund (CERCLA) Consent Decre	
Date Made Active in Reports: 11/11/2019 Number of Days to Update: 251	Last EDR Contact: 05/27/2021 Next Scheduled EDR Contact: 09/13/2021	Major legal settlements that establish respon	isibility and standards for cleanup at NPL (Superfund) sites. Released after settlement by parties to litigation matters.
	Data Release Frequency: Varies	Date of Government Version: 12/31/2020	Source: Department of Justice, Consent Decree Library Telephone: Varies
PCB TRANSFORMER: PCB Transformer Regis The database of PCB transformer registrat	tration Database ons that includes all PCB registration submittals.	Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 03/22/2021 Number of Dave for lot lot date: 88	Telephone: Varies Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021
Date of Government Version: 09/13/2019 Date Data Arrived at EDR: 11/06/2019	Source: Environmental Protection Agency Telephone: 202-568-0517	Number of Days to Update: 68	Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies
Date Made Active in Reports: 02/10/2020 Number of Days to Update: 96	Last EDR Contact: 05/07/2021 Next Scheduled EDR Contact: 08/16/2021	BRS: Biennial Reporting System The Biennial Reporting System is a national	system administered by the EPA that collects data on the generation
Hamber of Days to Opdate. 00	Data Release Frequency: Varies	and management of hazardous waste. BRS and Treatment, Storage, and Disposal Facili	captures detailed data from two groups: Large Quantity Generators (LQG)
RADINFO: Radiation Information Database The Radiation Information Database (RAD	NFO) contains information about facilities that are regulated by U.S.	Date of Government Version: 12/31/2017	Source: EPA/NTIS
Environmental Protection Agency (EPA) re		Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 11/20/2020 Number of Days to Update: 151	Telephone: 800-424-9346 Last EDR Contact: 06/21/2021 Next Scheduled EDR Contact: 10/04/2021
	TC8550291.2s Page GR-17		TC6550291.2s
	TC6550291.2s Page GR-17		TC8550291.2s
GOVERNMENT RECORDS	TC8550291.2s Page GR-17 SEARCHED / DATA CURRENCY TRACKING	GOVERNMENT RECORDS	TC6550291.28 SEARCHED / DATA CURRENCY TRACKING
INDIAN RESERV: Indian Reservations This map layer portrays Indian administere		Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016	SEARCHED / DATA CURRENCY TRACKING
INDIAN RESERV: Indian Reservations This map layer portrays Indian administere than 640 acres.	SEARCHED / DATA CURRENCY TRACKING	Date of Government Version: 10/12/2016	Searched / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/20/2017 Noxt Schedule EDR Contact: 01/08/2018
INDIAN RESERV: Indian Reservations This map layer portays Indian administere than 640 acres. Date of Gooverment Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/0/2017	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	SEARCHED / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2496 Last EDR Confact: 09/28/2017
INDIAN RESERV: Indian Reservations This map layer portrays Indian administere than 640 acres. Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015	SEARCHED / DATA CURRENCY TRACKING	Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/02/2017 Number of Days to Update: 100 US AIRS MINOR: Air Facility System Data A listing of minor source facilities.	Searched / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/20/2017 Noxt Schedule EDR Contact: 01/09/2018 Data Release Frequency: Annually
INDIAN RESERV: Indian Reservations This map layer portrays Indian administere than 640 acres. Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017 Number of Days to Update: 546 FUSRAP: Formerly Utilized Sites Remedial Acti	SEARCHED / DATA CURRENCY TRACKING J lands of the Unlied States that have any area equal to or greater Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/09/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semt-Annually on Program	L Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/02/2017 Number of Days to Update: 100 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	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/03/2017 Noxt Schedule EDR Contact: 01/08/2018 Data Release Frequency: Annually Source: EPA Telephone: 202-564-2496
INDIAN RESERV: Indian Reservations This map layer portrays Indian administere than 640 acres. Date of Government Version: 12/31/2014 Date Made Active in Reports: 10/10/2017 Number of Days to Update: 546 FUSRAP: Formerly Utilized Sites Remedial Acti DOE established the Formerly Utilized ToDE established the Formerly Utilized Site radioactive contamination remained from N Date of Government Version: 08/08/2017	SEARCHED / DATA CURRENCY TRACKING J lands of the United States that have any area equal to or greater Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/06/2021 Next Schedule EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually or Program Remedial Action Program (FUSRAP) in 1974 to remediate sites where anhatian Project and early U.S. Akomic Energy Commission (AEC) operations. Source: Eogenfment Of Energy	Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 20/20/2017 Number of Days to Update: 100 US AIRS MINOR: Air Facility System Data A listing of minor source facilities. Date of Government Version: 10/12/2016	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 00/20/2017 Noxt Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually Source: EPA
INDIAN RESERV- Indian Reservations This map layer portrays Indian administere than 640 acces. Date of Government Version: 120/12014 Date Date Arrived at EDR: 071/142015 Date Made Active in Reports: 01/10/2017 Number of Days to Update: 546 FUSRAP: Formerly Utilized Sites Remedial Acti DGE established the Formerly Utilized Site radioactive contamination remained from N Date of Government Version: 08082017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018	SEARCHED / DATA CURRENCY TRACKING I lands of the United States that have any area equal to or greater Surce: USGS Telephone: 20:20:20:3710 Last EDR Contex: 0/19:2021 Data Release Frequency: Semi-Annually on Program Remedial Action Program (FUSRAP) in 1974 to remediate sites where anhattan Project and early U.S. Atomic Energy Commission (AEC) operations. Source: Eogenment of Energy Telephone: 20:2586-3559 Last EDR Contact: 0/19:2021	Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/28/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US AIRS MINOR: Air Facility System Data A listing of mion source facilities. Date of Government Version: 10/12/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 MINES VIOLATIONS: MSHA Violation Assessme	SEARCHED / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2096 Last EDR Contact: 00/06/2017 Nott Scheduled EDR Contact: 01/06/2018 Data Release Frequency: Annually Source: EPA Telephone: 202-564-2096 Last EDR Contact: 00/06/2018 Data Release Frequency: Annually
INDIAN RESERV: Indian Reservations This map layer portrays Indian administere than 640 acres. Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017 Number of Days to Update: 546 FUSRAP: Formerly Utilized Sites Remedial Acti DOE established the Formerly Utilized Site radioactive contamination remained from h Date of Government Version: 08/08/2017 Date Data Anrived at EDR: 09/11/2018	SEARCHED / DATA CURRENCY TRACKING d lands of the United States that have any area equal to or greater Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/06/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually on Program Remedial Action Program (FUSRAP) in 1974 to remediate sites where anhattan Project and early U.S. Anomic Energy Commission (AEC) operations. Source: Department of Energy Telephone: 202-598-559	Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 20/20/2017 Number of Days to Update: 100 US AIRS MINOR: Air Facility System Data A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Made Active in Reports: 20/30/2016 Date Made Active in Reports: 20/30/2017 Number of Days to Update: 100 MINES VIOLATIONS: MSHA Violation Assessme Mines Violation and assessment Information Date of Government Version: 05/27/2012	SEARCHED / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/08/2017 Noxt Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/08/2017 Data Release Frequency: Annually nt Data Department of Labor, Mine Safety & Health Administration. Source: EDA, Mine Safety & Health Administration.
INDIAN RESERV. Indian Reservations This map layer portry's Indian administere than 640 acres. Date of Cowmment Version: 1223/2014 Date bade Andre Andre in Reports: 01/10/2017 Number of Days to Update: 546 FUSRAP: Formerly Utilized Sites Remedial Acti DCE established the Formerly Utilized Site radioactive contamination remained from N Date of Cowmment Version: 09/802017 Date Date Andre Artive in Reports: 09/14/2018 Date Made Active in Reports: 09/14/2018 Date Made Active in Reports: 09/14/2018 Number of Days to Update: 3 UMTRA: Uranium Mill Tailings Sites	SEARCHED / DATA CURRENCY TRACKING I ands of the United States that have any area equal to or greater Source: USO8 Teleptone: 202-208-3710 Last EDR Control CV1912021 Data Release Frequency: Semi-Annually Data Release Frequency: Semi-Annually an Program Remedial Action Program (FUSRAP) in 1974 to remediate sites where anhattan Project and early U.S. Atomic Energy Commission (AEC) operations. Source: 020-38759 Last EDR Contact: 04782021 Last EDR Contact: 08/18/2021 Data Release Frequency: Varies	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 US AIRS MINOR: Air Facility System Data A listing of minor source facilities. Date of dovernment Version: 10/12/2016 Date Made Active in Reports: 02/03/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 MINES VIOLATIONS: MSHA Violation Assessme Mines violation and assessment information Date Date Active at EDR: 0.05/27/2021 Date Made Active in Reports: 06/03/2021 Date Date Active at EDR: 05/27/2021 Date Date Active in Reports: 06/03/2021	SEARCHED / DATA CURRENCY TRACKING Seurce: EPA Telephone: 202-564-2496 Last EDR Contact: 00/06/2017 Noxt Scheduled EDR Contact: 01/06/2018 Data Release Frequency: Annually Source: EPA Telephone: 202-564-2496 Last EDR Contact: 01/08/2017 Data Release Frequency: Annually nt Data Department of Labor, Mine Safety & Health Administration. Source: CDL, Mine Safety & Health Administration. Source: 202-499-3424 Last EDR Contact: 05/26/2021
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INDIAN RESERV- Indian Reservations This map layer portrys Indian administere than 640 acces. Date of Government Versien: 1223/2014 Date Made Active in Reports: 01/02017 Number of Days to Update: 546 FUSRAP: Formerly Uilized Siles Remedial Acti DOE establende the Formerly 000000000000000000000000000000000000	SEARCHED / DATA CURRENCY TRACKING diands of the United States that have any area equal to or greater Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/06/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Anually on Program Semedial Action Program (FUSRAP) in 1974 to remediate sites where anhattan Project and early U.S. Anome: Energy Commission (AEC) operations. Source: Department of Energy Telephone: 202-588-5359 Last EDR Contact: 04/04/20201 Data Release Frequency: Varies sets for federal government use in national defense programs. When the mills rial (mill tailings) remain after uranium has been extracted from taid (material health hazards of the tailings were recognized. Source: Sogarment of Energy Telephone: 595-845-0011 Last EDR Contact: 04/12/2021	 Date of Government Version: 10/12/2016 Date Date Jartived at EDR: 10/26/2016 Date Mede Active in Reports: 02/03/2017 Number of Days to Update: 100 US AIRS MINOR: Air Facility System Data A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Mede Active in Reports: 02/03/2017 Number Of Days to Update: 100 MINES VIOLATIONS: MSHA Violation Assessme Mines violation and assessment information Date of Government Version: 05/27/2021 Date Made Active in Reports: 06/27/2021 Date Made Active in Reports: 06/27/2021 Date Made Artived in Reports: 06/27/2021 Date Made Artive in Reports: 06/27/2021 	SEARCHED / DATA CURRENCY TRACKING SEARCHED / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2096 Last EDR Contact: 00/08/2017 Not Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually Source: EPA Telephone: 202-564-2096 Last EDR Contact: 00/08/2018 Data Release Frequency: Annually nt Data Department of Labor, Mine Safety & Health Administration. Source: DDL Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration. Source: DDL Mine Safety & Health Administration Telephone: 202-983-9424 Last EDR Contact: 05/07/2021 Data Release Frequency: Quarterly ext Schedule EDR Contact: 09/13/2021 Data Release Frequency: Quarterly
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INDIAN RESERV: Indian Reservations This map layer portrays Indian administere than 640 acres. Date of Government Version: 12/31/2014 Date Data Anrived at EDR: 07/14/2015 Date Made Active in Reports: 01/00/2017 Number of Days to Update: 546 FUSRAP: Formerly Ulized Sites Remedial Act DOE established the Formerly Ulized Site radocative comainniation remained from N Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 07/11/2018 Date Made Active in Reports: 09/14/2018 Number of Days to Update: 3 UMTRA: Uranium Mill Tailings Sites Uranium ore was mined by private compar shuf down, large piles of the sand-like mat the ore. Levels of human exposure to radi were used as construction materials before Date of Government Version: 08/20219 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020 Number of Days to Update: 74 LEAD SMELTER 1: Lead Smeller Sites A listing of former lead smeller site location	Searcheb / Data Currency tracking d ands of the United States that have any area equal to or greater Source: USGS Telephone: 202-208-3710 Last EDR Contact: 00/10201 Maxi Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annualy an Porgam Remadial Action Program (FUSRAP) in 1974 to remediate sites where anhattan Project and early U.S. Atomic Energy Commission (AEC) operations. Source: Department of Energy Telephone: 202-588-3550 Maxi Scheduled EDR Contact: 08/192021 Data Release Frequency: Semions For federal government use in national defense programs. When the mills raid/mill antigops of Source: Comparised from active materials from the piles are low; however, in sone cases tailings the potential healt hazards of the tailings were recognized. Source: Department of Energy Telephone: 805-884-001 Last EDR Contact: 08/3/2021 Data Release Frequency: Varies s. Source: Environmental Protection Agency: Telephone: 305-603-787 Last EDR Contact: 07/2020	 Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/02/2017 Number of Days to Update: 100 US AIRS MINOR: Air Facility System Data A listing of minor source facilities. Date of downment Version: 10/12/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 MINES VIOLATIONS: MSHA Violation Assessme Mines violation and assessment information Date Adve Active in Reports: 02/03/2017 Number of Days to Update: 100 MINES VIOLATIONS: MSHA Violation Assessme Mines violation and assessment information Date of Government Version: 05/27/2021 Date Made Active in Reports: 06/10/2021 Number of Days to Update: 14 US MINES: Mines Master Index File Contains all mine identification numbers isse: violation information. Date O Government Version: 02/21/2021 Date Made Artive in Reports: 06/19/2021 Number of Days to Update: 84 US MINES 2: Ferrous and Nonferrous Metal Mint This map layer includes ferrous (ferrous Metal Mint This map layer includes ferrous (ferrous metal Mint as gold, silver, cooper, 21/201 Date Made Active in Reports: 06/19/2021 	SEARCHED / DATA CURRENCY TRACKING SEARCHED / DATA CURRENCY TRACKING Source: EPA Telephone: 202-564-2496 Last EDR Contact: 01/08/2018 Data Release Frequency: Annually Source: EPA Telephone: 202-564-2496 Last EDR Contact: 01/08/2018 Data Release Frequency: Annually nt Data Department of Labor, Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration. Source: Department of Labor, Mine Safety & Health Administration Telephone: 30:231-5599 Last EDR Contact: 09/13/2021 Data Release Frequency: Counterly source: Department of Labor, Mine Safety and Health Administration Telephone: 30:231-5599 Last EDR Contact: 09/13/2021 Data Release Frequency: Semi-Annually so Database Listing at inmise and Rabilities that extract conferrous metals, such as inon rous metal mines and Rabilities That extract conferrous metals, such mines in the United States.
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/23/2021 Date Data Arrived at EDR: 03/25/2021 Date Made Active in Reports: 06/17/2021 Number of Days to Update: 84

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/14/2021 Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System 35: 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), ARS (Aerometric Information Retrieval System). DOCKET (Enforcement Docket used to manage and track information on evily ulucial enforcement cases for all environmental statutes), FURS (Federail Underground hipection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FIRS (Federail Londerground hipection Control), C-DOCKET (Criminal Information System), SCHTE (Site Environmental Laws and Statutes), and PADS (PCB Activity Data System). Inflat Laws and Science, Source: EPA Telephone: (312) 353-2000 Last EDR Contact: 05/18/2021 Next Scheduled EDR Contact: 09/13/2021 Data Release Frequency: Quarterly

Date of Government Version: 02/03/2021 Date Data Arrived at EDR: 03/03/2021 Date Made Active in Reports: 04/05/2021 Number of Days to Update: 33

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

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 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 73 Source: Environmental Protection Agency Telephone: 202-564-2280 Last EDR Contact: 04/06/2021 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 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/17/2020 Number of Days to Update: 77 Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2021 Next Scheduled EDR Contact: 07 Data Release Frequency: Varies 07/26/2021

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 Date Data Arrived at EDR: 11/17/2020 Date Made Active in Reports: 02/09/2021 Number of Days to Update: 84 Source: Environmental Protection Agency Telephone: 202-564-0527 Telephone: 202-564-0527 Last EDR Contact: 05/21/2021 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. Submit new and update - . . Source: EPA Telephone: 800-385-6164 Last EDR Contact: 05/14/2021 Next Scheduled EDR Contact: 08/3 Data Release Frequency: Quarterly Date of Government Version: 02/17/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 33

08/30/2021

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ncial 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. Source: Department of Environment, Great Lakes, and Energy Telephone: 517-335-4034 Last EDR Contact: 06/15/2021 Next Scheduled EDR Contact: 10/04/2021 Data Release Frequency: Varies Date of Government Version: 06/17/2021 Date Data Arrived at EDR: 06/17/2021 Date Made Active in Reports: 06/22/2021 Number of Days to Update: 5 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: 05/25/2021 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.

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-241-1300 Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Varies Date of Government Version: 10/22/2020 Date Data Arrived at EDR: 12/23/2020 Date Made Active in Reports: 03/16/2021 Number of Days to Update: 83

A listing of underground injection wells balandase 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 Date Data Arrived at EDR: 01/08/2021 Source: Department of Environment, Great Lakes, and Energy Telephone: 517-241-1515 Letephone: 517-241-1515 Last EDR Contact: 04/28/2021 Next Scheduled EDR Contact: 08/02/2021 Data Release Frequency: Quarterly Date Made Active in Reports: 04/19/2021 Number of Days to Update: 101

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: 03/03/0201 Date Data Arrived at EDR: 03/31/2021 Date Made Active in Reports: 06/22/2021 Number of Days to Update: 83 Source: Department of Environment, Great Lakes, and Energy Telephone: 517-284-8562 Last EDR Contact: 06/12/2021 Next Scheduler EDR Contact: 08/30/2021 Data Release Frequency: Varies

PCS ENF: Enforcement data No description is available for this data

UIC: Underground Injection Wells Database

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: 20 Source: EPA Telephone: 202-564-2497 Last EDR Contact: 03/31/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies Date of Government Version: 03/17/2021 Date Data Arrived at EDR: 03/18/2021 Date Made Active in Reports: 06/08/2021 Number of Days to Update: 82

ASBESTOS: Asbestos Notification Listing Asbestos

Date of Government Version: 01/31/2021 Date Data Arrived at EDR: 02/09/2021 Date Made Active in Reports: 02/18/2021 Number of Days to Update: 9

Date of Government Version: 08/21/2013 Date Data Arrived at EDR: 08/23/2013 Date Made Active in Reports: 09/12/2013 Number of Days to Update: 20

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 Date Data Arrived at EDR: 10/14/2020 Date Made Active in Reports: 01/05/2021 Number of Days to Update: 83

DRYCLEANERS: Drycleaning Establishments A listing of drycleaning facilities in Michigan Date of Government Version: 01/07/2021 Date Data Arrived at EDR: 01/13/2021 Date Made Acide at EDR: 01/13/2021 Number of Days to Update: 78

Financial Assurance 1: Financial Assurance Inform ation Listing Financial assurance information

Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 10/07/2020 Date Made Active in Reports: 12/29/2020 Number of Days to Update: 83

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing Financial assurance information for underground storage tank facilities. Date of Government Version: 12/20/2020 Date Data Arrived at EDR: 01/05/2021 Date Made Active in Reports: 03/26/2021 Number of Days to Update: 80

urce: Department of Environment, Great Lakes, and Energy Source: Department of Environment, Grea Telephone: 517-373-7074 Last EDR Contact: 06/08/2021 Next Scheduled EDR Contact: 09/27/2021 Data Release Frequency: Annually

Source: Department of Licensing & Regulatory Affairs Telephone: 517-284-7699 Last EDR Contact: 06/01/2021 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/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.

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-373-9541 Last EDR Contact: 05/05/2021 Next Schedule EDR Contact: 08/23/2021 Data Release Frequency: No Update Planned

Source: Department of Environment, Great Lakes, and Energy Telephone: 588-753-3754 Last EDR Contact: 06/22/2021 Next Schedule EDR Contact: 10/11/2021 Data Release Frequency: Varies

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-335-4586 Last EDR Contact: 04/16/2021 Next Schedule EDR Contact: 07/26/2021 Data Release Frequency: Quarterly

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-335-6610 Last EDR Contact: 06/22/2021 Next Schedule EDR Contact: 10/11/2021 Data Release Frequency: Semi-Annually

Source: Department of Licensing & Regulatory Affairs Telephone: 517-335-7279 Last EDR Contact: 06/22/2021 Next Schedule EDR Contact: 10/11/2021 Data Release Frequency: Varies

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

PCS: Permit Compliance System

Source: USGS Telephone: 703-648-6533 Last EDR Contact: 05/27/2021 Next Scheduled EDR Contact: 09/06/2021 Data Release Frequency: Varies

, «mm 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 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: 03/31/2021 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.

vit of Is to know ... Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/31/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually 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

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 a sluel. These plants used whate 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 tra(bi) wates containing volatile and non-volatile chernicals), studges, 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/lilling station/service station, sites have 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 erview was limited to gas, gas station, gascline station, filling station/service station, sites that were not limited to gas, gas station, gascline station, a category of information EDR classifies as "High Risk Historical Records", or HR'HR. EDR's HR'HR 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 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 fails 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 environments concerns, but may not show up in current government records searches. transporters to a tsd facility. Date of Government Version: 10/05/2020 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 05/10/2021 Number of Days to Update: 82 Source: Department of Energy & Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 05/11/2021 Next Scheduled EDR Contact: 08/23/2021 Data Release Frequency: No Update Planned ental Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N Data Release Frequency: Varies 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 NJ MANIFEST: Manifest Information Hazardous waste manifest information. act: N/A Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 04/09/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Annually 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 EDR RECOVERED GOVERNMENT ARCHIVES Exclusive Recovered Govt. Archives RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List 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. PAR L2D1 The EDR Recovered Government Acrive State Instantious was are alualese provides a list of SHWS incidents derived from historial databases and includes many records that no longer appear in current government lists. Compiled from Records Grenertly variable from the Department of Environmental Quality in Midingan. Date Data Arrived at EDR: 04/29/2020 Date Made Active in Reports: 07/10/2020 Number of Days to Update: 72 Source: Department of Environmental Con Telephone: 518-402-8651 Last EDR Contact: 04/30/2021 Next Scheduled EDR Contact: 08/09/2021 Source: Department of Environment, Great Lakes, and Energy Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduld EDR Contact: N/A Data Release Frequency: Varies Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Data Release Frequency: Quarterly PA MANIFEST: Manifest Information Hazardous waste manifest information. RGA LF: Recovered Government Archive Solid Waste Facilities List The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databa Source: Department of Environmental Protection Telephone: 717-783-8990 Last EDR Contact: 04/09/2021 Next Scheduled EDR Contact: 07/26/2021 Data Release Frequency: Annually 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: 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 an windigen. Source: Department of Environment, Great Lakes, and Energy Telephone: NA Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/13/2014 Number of Days to Update: 196 RI MANIFEST: Manifest information Hazardous waste manifest information Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 05/13/2021 Next Scheduled EDR Contact: 08/30/2021 Data Release Frequency: Annually 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 Instorical 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: 12/31/2019 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 02/24/2021 Number of Days to Update: 13 Source: Department of Environment, Great Lakes, and Energy Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 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 Date Made Active in Reports: 09/03/2019 Number of Days to Update: 76 Telephone: N/A Last EDR Contact: 06/03/2021 Next Scheduled EDR Contact: 09/20/2021 Data Release Frequency: Annually 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 wellands information data in a specific report does not mean that all wellands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wellands do not exist in the area covered by the report. I//Gas Pipelines Source: Endeavor Business Media Petroleum Bundle (Crude Oil, Relined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscelianeous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscelianeous)). 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. Oil/Gas Pipelines

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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 sensitivit 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 cente and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals

Arrin rospitals. 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 Medicaré & Medicaid Services

Source: Centers for Medicare & Medicaid Services Telephone: 110-768-3000 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. ursing Homes Source: National Institutes of Health

Telephone: 301-594-6248 Information on Medicare and Medicaid certified nursing homes in the United States.

Information on Medicare and Medicaid certified nursing homes in the United States. Public Schole: Source: National Center for Education Statistics Telephone: 202-2602-7300 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 Tedenhome: 702-567-7300

Source: National Center for Education Statistics Telephone: 202-202-7300 The National Center for Education Statistics' primary database on private school locations in the United States. Degrare Centers: Day Care Centers, Group & Family Homes Source: Bureau of REgulatory Services Telephone: 173-73-8300

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 REM Adap (FIRM) data and Q3 data from FEMA in areas not covered by NFHL. Source: FEMA Telephone: 877-383-6827 Data 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 Inventor Source: Department of Natural Res Telephone: 517-241-2254 urces

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

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

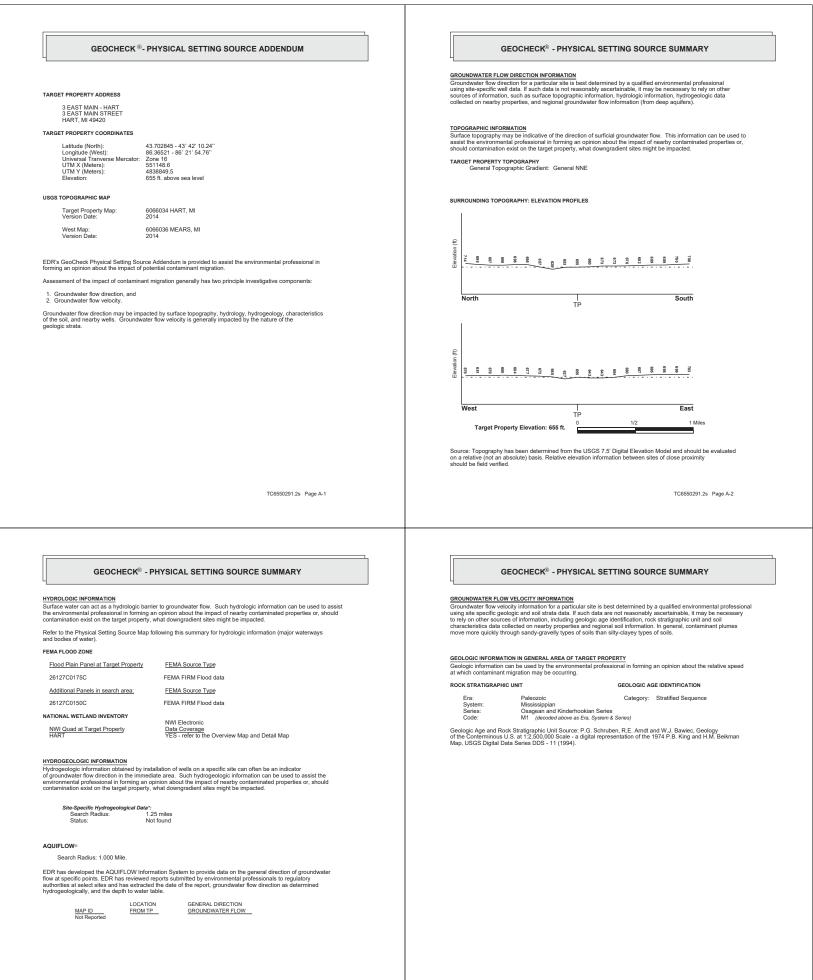
Electric Power Transmission Line Data Source: Endeavor Business Media This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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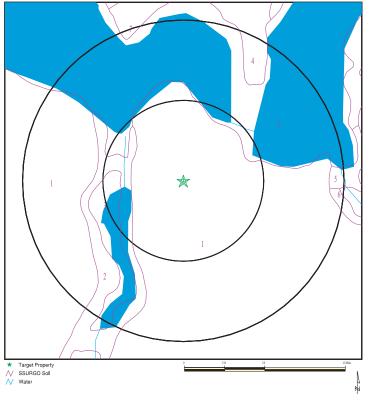
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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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 Com	ponent Nam	e:	Benona				
Soil Surfa	ace Texture:		sand				
Hydrolog	ic Group:			nfiltration rates. Soils ned sands and grave	s are deep, well drain els.	ed to	
Soil Drair	nage Class:		Excessively drai	ned			
Hydric St	atus: Partiall	y hydric					
Corrosior	Potential - I	Uncoated Ste	el: Low				
Denth to	Bedrock Min		> 0 inches				
Depth to	Watertable N	/in:	> 0 inches				
			Soil Laye	r Information			
	Bou	ndary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
						micro m/sec	(pH)
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	(рн) Max: 7.3 Min: 5.1
2	0 inches 7 inches	7 inches 46 inches	sand	materials (35 pct. or less passing No. 200), Fine	SOILS, Sands, Sands with fines,	Max: 141	Max: 7.3

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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 Copylate 2 2021 CPR, Ibc. e 2015 Temfem Rel. 2015.

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

Boundary		Boundary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
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, Siltv 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 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 Laye	r Information			
	Bou	indary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
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

	Bou	ndary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
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 Layer Information
Depth to Watertable Min:	> 0 inches
Depth to Bedrock Min:	> 0 inches
Corrosion Potential - Uncoated Steel:	Low
Hydric Status: Not hydric	
Soil Drainage Class:	Excessively drained
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Surface Texture:	sand
Soil Component Name:	Grattan

	Bou	ndary		Classif	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
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, Silly Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

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GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

	Bou	ndary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reactio (pH)
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

Map	

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	r Information			
	Bou	ndary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
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, Siltv 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, Siltv 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:	$\mbox{Class C}$ - 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

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GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

	Bou	indary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reactio (pH)
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
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

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	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION WELL ID

MAP ID

LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY	GEOCHECK [®] - PHYSICAL SETTING SOURCE SUMMARY
FEDERAL USGS WELL INFORMATION	STATE DATABASE WELL INFORMATION
MAP ID WELL ID FROM TP	MAP ID WELL ID FROM TP 338 MI4000000587964 1/2 - 1 Mile SW M39 MI400000058515 1/2 - 1 Mile VSW
FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION	40 MI4000000584774 1/2 - 1 Mile WSW J41 MI4000000584754 1/2 - 1 Mile SW N42 MI4000000584766 1/2 - 1 Mile SW N42 MI4000000584766 1/2 - 1 Mile SW 43 MI4000005847699 1/2 - 1 Mile West
MAP ID WELL ID FROM TP 6 MI0003060 1/4 - 1/2 Mile South	M44 MI4000000387156 1/2 - 1 Mile WSW 45 MI4000000580041 1/2 - 1 Mile FNE K46 MI4000000584721 1/2 - 1 Mile FNE Q47 MI400000058185 1/2 - 1 Mile NWW
Note: PWS System location is not always the same as well location. STATE DATABASE WELL INFORMATION	48 MI400000589825 1/2 - 1 Mile NE N49 MI400000584751 1/2 - 1 Mile SW P50 MI400000590249 1/2 - 1 Mile SW
MAP ID WELL ID LOCATION FROM TP 1 MI400000584763 0 - 1/8 Mile East	NS1 MI400000584752 1/2 - 1 Mile SW L52 MI400000588901 1/2 - 1 Mile WNW P53 MI400000584755 1/2 - 1 Mile SW QS4 MI40000058445 1/2 - 1 Mile WSW
A2 MI4000000584711 1/4 - 1/2 Mile NNE 3 MI4000000584710 1/4 - 1/2 Mile North A4 MI4000000584713 1/4 - 1/2 Mile NNE B5 MI4000000584716 1/4 - 1/2 Mile NNW	P55 MI400000584753 1/2 - 1 Mile SW N56 MI400000584771 1/2 - 1 Mile SW P57 MI400000584762 1/2 - 1 Mile SW OS8 MI40000058690 1/2 - 1 Mile NW
B7 MI4000000584715 1/4 - 1/2 Mile NNW C8 MI4000000580071 1/4 - 1/2 Mile NNE C9 MI4000000584707 1/4 - 1/2 Mile NNE D10 MI4000000589313 1/4 - 1/2 Mile NNE	59 MI400000588992 1/2 - 1 Mile WNW P60 MI400000588764 1/2 - 1 Mile SW Q61 MI400000588176 1/2 - 1 Mile WSW R62 MI4000005881765 1/2 - 1 Mile SW
D11 MI4000000587826 1/4 - 1/2 Mile NNE D12 MI4000000584702 1/4 - 1/2 Mile NNE C13 MI4000000590222 1/4 - 1/2 Mile NNE E14 MI4000000584704 1/2 - 1 Mile NE	P63 MI4000000584759 1/2 - 1 Mile SW P64 MI400000584761 1/2 - 1 Mile SW R65 MI400000589796 1/2 - 1 Mile SW R66 MI400000589796 1/2 - 1 Mile SW
F15 MI400000586853 1/2 - 1 Mile NNW F16 MI400000586891 1/2 - 1 Mile NNW G17 MI400000589029 1/2 - 1 Mile NNE	R67 MI4000000584770 1/2 - 1 Mile SW R68 MI400000586696 1/2 - 1 Mile SW S69 MI400000584705 1/2 - 1 Mile NNE
19 MI4000000581043 1/2 - 1 Mile North E20 MI400000586889 1/2 - 1 Mile NE E21 MI400000587417 1/2 - 1 Mile NNE	71 MI4000000589952 1/2 - 1 Mile NNW R72 MI400000584768 1/2 - 1 Mile SW R73 MI400000589270 1/2 - 1 Mile SW
H22 MI400000584712 1/2 - 1 Mile NNE H23 MI4000005950527 1/2 - 1 Mile NNE H24 MI40000058752 1/2 - 1 Mile NNE H25 MI400000587414 1/2 - 1 Mile NNE	74 MI4000000588016 1/2 - 1 Mile West S75 MI4000000584706 1/2 - 1 Mile NNE T76 MI400000584769 1/2 - 1 Mile SW T77 MI40000058954 1/2 - 1 Mile SW
H26 MI400000587351 1/2 - 1 Mile NNE 127 MI400000589366 1/2 - 1 Mile NNE H28 MI400000587874 1/2 - 1 Mile NNE J29 MI400000587874 1/2 - 1 Mile NNE	U78 MI400000590018 1/2 - 1 Mile NW V79 MI400000584722 1/2 - 1 Mile ENE U80 MI400000588722 1/2 - 1 Mile ENE U80 MI400000588722 1/2 - 1 Mile SW 81 MI40000058928 1/2 - 1 Mile SW
K30 MI400000587602 1/2 - 1 Mile NE 31 MI400000588207 1/2 - 1 Mile NW J32 MI400000584767 1/2 - 1 Mile SW I33 MI400000584709 1/2 - 1 Mile NE	W82 MI400000584718 1/2 - 1 Mile East 83 MI40000058716 1/2 - 1 Mile ENE V84 MI40000058743 1/2 - 1 Mile NE 85 MI400000587743 1/2 - 1 Mile VSW
J32 MI4000000584767 1/2 - 1 Mile SW 133 MI4000000584709 1/2 - 1 Mile NME 34 MI400000058423 1/2 - 1 Mile NME 35 MI4000000584701 1/2 - 1 Mile NME J36 MI4000000584777 1/2 - 1 Mile NME J36 MI400000584757 1/2 - 1 Mile NME L37 MI400000584757 1/2 - 1 Mile SW	86 MI400000584778 1/2 - 1 Mile SW W87 MI400000584950 1/2 - 1 Mile East 88 MI400000584703 1/2 - 1 Mile Nat X89 MI400000584703 1/2 - 1 Mile NMt
TC6556291.2s Page A-13	TC66550291.2s Page A-14
TC6550291.2s Page A-13	TC66550291.2s Page A-14PHYSICAL SETTING SOURCE MAP - 6550291.2s
GEOCHECK [®] - PHYSICAL SETTING SOURCE SUMMARY	
GEOCHECK [®] - PHYSICAL SETTING SOURCE SUMMARY	PHYSICAL SETTING SOURCE MAP - 6550291.2s
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY STATE DATABASE WELL INFORMATION LOCATION FROM TP MI400000589213 700 MI400000589213 172 - 1 Mile North 91 91 MI400000589210 1/2 - 1 Mile West	PHYSICAL SETTING SOURCE MAP - 6550291.28
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY STATE DATABASE WELL INFORMATION LOCATION FROM TP X90 MI400000589213 T/2 - 1 Mile North 91 91 MI400000589213 1/2 - 1 Mile North 91 92 MI4000000590243 1/2 - 1 Mile Nation 92 93 MI4000000589780 1/2 - 1 Mile Nation 94 94 MI4000000589742 1/2 - 1 Mile SW	PHYSICAL SETTING SOURCE MAP - 6550291.2s
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY STATE DATABASE WELL INFORMATION MAP ID LOCATION FROM TP 700 MI4000000589213 172-1 Mile North 91 91 MI4000000584700 MI4000000584700 93 1/2-1 Mile Tonth 112-1 Mile East 93 93 MI4000000584742 1/2-1 Mile NNW	PHYSICAL SETTING SOURCE MAP - 6550291.2s
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY STATE DATABASE WELL INFORMATION LOCATION MAP ID LOCATION X80 MI400000549213 172 - T Mile North 91 MI400000549203 172 - T Mile North 93 MI40000054700 172 - T Mile North 93 MI40000054712 172 - T Mile Sorth 94 MI40000054712 172 - T Mile Network 95 MI40000054712 172 - T Mile SW 94 MI400000054712 172 - T Mile SW 95 MI400000054732 172 - T Mile SW 96 MI4000000589955 172 - 1 Mile SW 97 MI4000000589931 172 - 1 Mile SW 98 MI400000589931 172 - 1 Mile SW 98 MI40000058931 172 - 1 Mile SW	PHYSICAL SETTING SOURCE MAP - 6550291.2s
CATE DATABASE WELL INFORMATION DATE DATABASE WELL INFORMATION MAP ID DATE DATABASE WELL INFORMATION DATE DATABASE WELL INFORMATION DATE DATABASE WELL INFORMATION DATE DATABASE WELL INFORMATION DATE DATABASE INFORMATION	PHYSICAL SETTING SOURCE MAP - 6550291.2s
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CACATION COCATION COCATION MARDO000589213 COCATION MAP ID VELL ID COCATION MAD00000589213 T/2 - 1 Mile North T/2 - 1 Mile North 91 MI40000005892043 T/2 - 1 Mile North 92 MI4000000589243 T/2 - 1 Mile North 93 MI4000000587425 T/2 - 1 Mile North 95 MI4000000587425 T/2 - 1 Mile North 95 MI4000000587832 T/2 - 1 Mile North 96 MI4000000587832 T/2 - 1 Mile North 97 MI4000000587832 T/2 - 1 Mile North 98 MI40000005889953 T/2 - 1 Mile North 99 MI40000005889953 T/2 - 1 Mile North COTHER STATE DATABASE INFORMATION LOCATION FROM COTHER STATE DATABASE INFORMATION Map ID VELL ID LOCATION FROM 1 MICG12000068991 T/2 - 1 Mile North	PHYSICAL SETTING SOURCE MAP - 6550291.2s
CACATION COCATION	PHYSICAL SETTING SOURCE MAP - 6550291.28
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CACATION COCATION COCATION MARDO000589213 COCATION MAP ID VELL ID COCATION MAD00000589213 T/2 - 1 Mile North T/2 - 1 Mile North 91 MI40000005892043 T/2 - 1 Mile North 92 MI4000000589243 T/2 - 1 Mile North 93 MI4000000587425 T/2 - 1 Mile North 95 MI4000000587425 T/2 - 1 Mile North 95 MI4000000587832 T/2 - 1 Mile North 96 MI4000000587832 T/2 - 1 Mile North 97 MI4000000587832 T/2 - 1 Mile North 98 MI40000005889953 T/2 - 1 Mile North 99 MI40000005889953 T/2 - 1 Mile North COTHER STATE DATABASE INFORMATION LOCATION FROM COTHER STATE DATABASE INFORMATION Map ID VELL ID LOCATION FROM 1 MICG12000068991 T/2 - 1 Mile North	PHYSICAL SETTING SOURCE MAP - 6550291.2s
CACATION COCATION	
CACATION CACATION CACATION MARPIO VELLID CACATION M20 MI4000000589213 1/2 - 1 Mile North 91 MI4000000589213 1/2 - 1 Mile North 92 MI4000000589243 1/2 - 1 Mile North 93 MI400000058955 1/2 - 1 Mile North 94 MI400000058955 1/2 - 1 Mile North 95 MI400000058955 1/2 - 1 Mile North 96 MI4000000589895 1/2 - 1 Mile North 97 MI4000000589895 1/2 - 1 Mile North 98 MI4000000589895 1/2 - 1 Mile North 99 MI4000000589983 1/2 - 1 Mile North COTHER STATE DATABASE INFORMATION MAP ID MICCI200006991 LOCATION FROM TP 1 MICCI200006991 1/2 - 1 Mile North	
CACATION COCATION NM4000000589213 1/2 - 1 Mile North 91 M4000000589245 1/2 - 1 Mile North 92 M4000000589455 1/2 - 1 Mile North 93 M4000000589355 1/2 - 1 Mile North 94 M4000000588955 1/2 - 1 Mile SW 95 M44000000588955 1/2 - 1 Mile North COTHER STATE DATABASE INFORMATION COCATION FROM COCATION FROM 1 MICG12000068991 1/2 - 1 Mile North	

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS Map ID Direction Distance Elevation Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Test Hours: Test Method Elevation: 0 0 Unknowr 659 Database EDR ID Number MI400000584763 MI WELLS . East 0 - 1/8 Mile Permit #: Weil Depth: Other Type Info: Uther Status Info: Weil #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Elevation: Well ID: Owner: Well Type: Well Status: 64000001808 FATSEAS, DOROTHY Household Not Reported A4 NNE 1/4 - 1/2 Mile Higher Not Reported 122 Not Reported Not Reported Not Reported MI WELLS MI400000584713 Well ID: Owner: Well Type: Well Status: Well Supply Serial #: Driller ID: Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawforum Dent Well Status: Well Supply Serial #: Driller ID: Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Dept 64000001757 REID, WILLIAM Household Not Reported 64-1587 Not Reported 64-2587 Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Not Reported 64-0407 Not Reported Steel-black 2 Not Reported Rotary 1986-08-14 00:00:00 Not Reported 118 120 Not Reported Not Reported Not Reported Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth Flowing: Test Hours: Test Method: Elevation: Not Reported Rotary 1990-08-22 00:00:00 Not Reported 120 120 N 2 118 122 Test Drawdown Depth: Test Water Flow Rate: Well Grouted: 0 20 N 5 110 20 80 Test Drawdown Depth: Test Water Flow Rate: Well Grouted: 20 Unknown 650 A2 NNE 1/4 - 1/2 Mile MI WELLS MI400000584711 Well ID: Owner: Well Type: Well Status: Well Supply Serial #: 64000001755 WADEL, RICK Heat Pump Not Reported Not Reported 64-1743 Not Reported PVC Plastic 5 Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method: Elevation: Not Reported 60 Not Reported Not Reported Not Reported B5 NNW 1/4 - 1/2 Mile Lower MI WELLS MI400000584716 Well ID: 64000001760 Permit #: Not Reported 64000001760 CITY OF HART Type I Public Active 3060 Not Reported Not Reported Unknown 4 Well ID: Owner: Well Type: Well Status: Well Supply Ser Driller ID: Well Depth: Other Type Info: Other Status Info: Well #: Drill Method: 124 Not Reported Not Reported HART WELL #7 (Hardy #2) Unknown Driller ID: Other Method Info: Rotary 1988-02-26 00:00:00 Not Reported 60 60 N Casing Type: Case Diameter (in): Screen Start Depth: э 50 Driller ID: Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method: Elevation: State Vater Level: Test Drawdown Depth: Test Water Flow Rate: Well Grouted: 41 41 12 1971-01-01 00:00:00 Not Reported Unknown 640 0 124 N 0 Unknown 0 Well Grouted Elevation 636 3 North 1/4 - 1/2 Mile Lower MI WELLS MI400000584710 Well ID: 64000001754 Permit #: Not Reported 6 South 1/4 - 1/2 Mile Higher Well ID: Owner: Well Type: Well Status: Well Supply Serial # Driller ID: Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: 64000001754 BRUNIX, ADAM Household Not Reported Not Reported 64-0407 Not Reported Unknown 2 Not Reported 109 Not Reported Not Reported Not Reported Rotary 1967-01-27 00:00:00 Net Reported FRDS PWS MI0003060 Well Depth: Other Type Info: Other Status Info Well #: Drill Method: Epa region: Pwsid: Cityserved: Zipserved: Status: Pwssvcconi Pwstype: State: Pwsname: Stateserved 05 MI0003060 MI HART Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth Flowing: Not Reported Not Reported Active 884 CWS MI 26127 Fipscounty: Retpopsrvd: Psource Ion Owner: Not Reporte 100 109 N 1915 Groundwate Local_Govt 2 100 50 TC6550291.2s Page A-18 TC6550291.2s Page A-17 **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS** Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Contact: Contactphone: Contactaddress2: Contactstate: Pwsactivitycode: 125 145 N RICKARD STAN RICKARD STAN Casing Depth (ft): Screen End Depth Contactorgname: Contactaddress1 5 135 65 90 15 ACCARD, S1 231-873-2488 Not Reported MI A 407 State S Flowing: Test Hours: Test Method: Elevation: Contactcity: Contactzip: HART 49420 . Test Pump PWS name Care of: State: Owner: Population: MI0003060 407 STATE STREET HART PWS ID. HART CITY OF HART MI HART 1942 Address: City: Zip: Source code 49420 Ground wate C9 NNE 1/4 - 1/2 Mile Higher MI WELLS MI400000584707 Not Reported Not Reported MI0003060 Not Reported 00001942 CITY OF HART HART 49420 PWS type: PWS addre PWS state: PWS ID: MI0003060 PWS ID: PWS name: PWS city: PWS zip: Activity status: Date system deactivated: System name: System address: Sustem state: MI0003060 Not Reported Not Reported Active Not Reported HART Well ID: 64000001750 Permit #: Not Reported 64000001750 JUSKA, TONY Household Not Reported Not Reported Not Reported Unknown 2 PWS state: PWS ID: Date system activated: Retail population: System address: System city: Wein ID: Owner: Well Type: Well Status: Well Supply Serial #: Driller ID: Well Depth: Other Type Info: Other Status Info: Well #: Drill Method: 139 Not Reported Not Reported Not Reported Hollow Rod 218 WASHINGTON STREET Driller ID: Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth Static Water Level: Hollow Kod 1977-12-16 00:00:00 Not Reported 135 139 N System state: System zip: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: M 49420 1,001 - 2,500 Persons Treatment: Untreated Population served 2 135 55 Latitude: 434153 Longitude: 0862150 Test Hours: Test Method Test Drawdown Depth Test Water Flow Rate: 0 Unknown 682 Well Grouted Elevation B7 NNW 1/4 - 1/2 Mile Lower MI400000584715 MI WELLS well ID: Owner: Well Type: Well Status: Well Status: Well Supply Serial #: Driller ID: Other Method Info: Casing Type: 64000001759 CITY OF HART Type I Public Active 3060 Not Reported Not Reported Unknown 8 Permit #: Well Depth: Other Type Info: Other Status Info Well #: Drill Method: Not Reported 125 Not Reported Not Reported HART WELL #6 (Hardy #1) D10 NNE 1/4 - 1/2 Mile Higher MI WELLS MI400000589313 Well ID: 64000005714 Permit #: Well Depth: 640005462 Unknown 1971-01-01 00:00:00 Öwner: Well Type: Well Status: Well Stapply Serial #: Driller ID: Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Depth: Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Owner WILLIAM REILLY 141 Well Depth: Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method: Flewation: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth Flowing: Test Hours: Test Method: Elevation: 141 Not Reported Not Reported Not Reported Rotary 2006-06-05 00:00:00 Household Other Method Info: Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Household Active Not Reported 64-1587 Not Reported PVC Plastic 5 131 58 59 15 Y Not Reporte 0 125 N 0 10 Not Reported 141 141 N 0 Unknown 657 Air 0 Elevation C8 NNE 1/4 - 1/2 Mile Higher MIWELLS MI400000590071 Well ID: Owner: Well Type: Well Status: Well Supply Serial #. Driller ID: Other Method Info: Casing Type: Permit #: Well Depth: Other Type Info: Other Status Info Well #: Drill Method: D11 NNE 1/4 - 1/2 Mile Higher 64000006554 6400uc 145 Not Reported Not Reported Not Reported 640006718 MI WELLS MI400000587826 ROBERT ROOINMS ROBERT RO Household Active Not Reported 64-1743 Not Reported PVC Plastic Well ID: Owner: Well Type Permit #: Well Depth: Other Type Info: Other Status Info: 64000004034 640003205 Rotary 2009-11-15 00:00:00 ALBERT RIDDELL Construction Date Not Reported Casing Type Other Casing Info: Not Reporte Well Status Active Not Reported

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GEOG	CHECK® - PHYSICAL SET	TTING SOURCE MAI	P FINDINGS	GEO	CHECK® - PHYSICAL S	ETTING SOURCE MAR	P FINDINGS
Supply Serial #:	Not Reported	Well #:	Not Reported	Map ID Direction			
er ID: er Method Info:	64-1587 Not Reported	Drill Method: Construction Date:	Rotary 2002-06-12 00:00:00	Distance Elevation			Database EDR ID Nun
ng Type: e Diameter (in):	PVC Plastic 5	Other Casing Info: Casing Depth (ft):	Not Reported 179	E14 NE 1/2 - 1 Mile			MI WELLS MI400000584
Start Depth: Vater Level:	169 88	Screen End Depth: Flowing:	179 N	Higher			
wdown Depth: ter Flow Rate:	160 20	Test Hours: Test Method:	1 Other	Well ID: Owner:	64000001747 RUMICS, MILDRED C.	Permit #: Well Depth:	Not Reported 108
uted:	Y	Elevation:	0	Well Type: Well Status:	Household Not Reported	Other Type Info: Other Status Info:	Not Reported Not Reported
				Well Supply Serial #: Driller ID:	Not Reported 64-0529	Well #: Drill Method:	Not Reported Rotary
			MI WELLS MI400000584702	Other Method Info: Casing Type:	Not Reported Unknown	Construction Date: Other Casing Info:	1979-08-31 00:00:00 Not Reported
ile			WI WELLS WI400000364/02	Case Diameter (in): Screen Start Depth:	2 104	Casing Depth (ft): Screen End Depth:	104 108
	64000001745 LONGCORE, RONALD	Permit #:	Not Reported 212	Static Water Level: Test Drawdown Depth: Test Water Flow Rate:	62 0 0	Flowing: Test Hours: Test Method:	N 0 Unknown
tus:	Household Not Reported	Well Depth: Other Type Info: Other Status Info:	Not Reported Not Reported	Well Grouted:	N	Elevation:	689
oply Serial #:):	Not Reported 64-0407	Well #: Drill Method:	Not Reported Jetted				
ethod Info: Type:	Not Reported Unknown	Construction Date: Other Casing Info:	1981-04-22 00:00:00 Not Reported	F15 NNW			
ameter (in): Start Depth:	2 208	Casing Depth (ft): Screen End Depth:	208 212	NNW 1/2 - 1 Mile Higher			MI WELLS MI400000586
ater Level: wdown Depth:	50 65	Flowing: Test Hours:	N 0	Well ID:	64000002943	Permit #:	Not Reported
ter Flow Rate: outed:	15 N	Test Method: Elevation:	Unknown 702	Owner: Well Type:	GATEWAY MOTEL Type II Public	Well Depth: Other Type Info:	120 Not Reported
				Well Status: Well Supply Serial #:	Active 2005464	Other Status Info: Well #:	Not Reported 001
				Driller ID: Other Method Info:	64-0407 Not Reported	Drill Method: Construction Date:	Rotary 1974-09-10 00:00:00
le			MI WELLS MI400000590222	Casing Type: Case Diameter (in):	Unknown 4	Other Casing Info: Casing Depth (ft):	Not Reported 100
				Screen Start Depth: Static Water Level:	100 78	Screen End Depth: Flowing:	120 N
	64000006746 Schaner, Jerry	Permit #: Well Depth:	640007231 170	Test Drawdown Depth: Test Water Flow Rate:	65	Test Hours: Test Method:	0 Unknown
e: tus: why Seriel #	Household Active	Other Type Info: Other Status Info:	Not Reported Not Reported	Well Grouted:	Y	Elevation:	261.81
oply Serial #: I: ethod Info:	Not Reported 64-1587 Not Reported	Well #: Drill Method: Construction Date:	Not Reported Rotary 2011-09-23 00:00:00				
sthod into: 'ype: ameter (in):	PVC Plastic 5	Construction Date: Other Casing Info: Casing Depth (ft):	2011-09-23 00:00:00 Not Reported 160	F16 NNW			MI WELLS MI400000586
ameter (in): Start Depth: ater Level:	5 162 75	Casing Depth (ft): Screen End Depth: Flowing:	160 170 N	1/2 - 1 Mile Higher			
wdown Depth: ter Flow Rate:	90 20	Test Hours: Test Method:	1 Air	Well ID: Owner:	64000002982 RUSS JOHNSON	Permit #: Well Depth:	64-01512 162
uted:	Ŷ	Elevation:	0	Well Type: Well Status:	Household Not Reported	Other Type Info: Other Status Info:	Not Reported Not Reported
				Well Supply Serial #: Driller ID:	Not Reported 53-1917	Well #: Drill Method:	Not Reported Rotary
				Other Method Info: Casing Type:	Not Reported PVC Plastic	Construction Date: Other Casing Info:	1999-10-28 11:14:21 Not Reported
				Case Diameter (in): Screen Start Depth:	5 156	Casing Depth (ft): Screen End Depth:	162 162
			C6550291.2s Page A-21				'C6550291.2s Page A-22
GEOO	CHECK®- PHYSICAL SET			GEC	CHECK®- PHYSICAL SI		
		TTING SOURCE MAR	P FINDINGS	Ч		ETTING SOURCE MAN	P FINDINGS
GEO(awdown Depth: ater Flow Rate: outed:	CHECK®-PHYSICAL SET		P FINDINGS	Casing Type: Case Diameter (in):	PVC Plastic 5		
wdown Depth: ter Flow Rate:	85 26	TTING SOURCE MAR Test Hours: Test Method:	P FINDINGS	Casing Type: Case Diameter (in): Screen Start Dephr- Static Water Level: Test Drawdom Dephr	PVC Plastic 5 130 73 130	ETTING SOURCE MAN Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours:	P FINDINGS Not Reported 130 N N 1
wdown Depth: ter Flow Rate: buted:	85 26	TTING SOURCE MAR Test Hours: Test Method:	P FINDINGS	Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level:	PVC Plastic 5 130 73	ETTING SOURCE MAN Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing:	P FINDINGS Not Reported 130 140
awdown Depth: ater Flow Rate:	85 26	TTING SOURCE MAR Test Hours: Test Method:	P FINDINGS	Casing Type: Case Diameter (in): Streen Start Depth: Static Water Level: Test Drawdown Depth Test Vater Flow Rate:	PVC Plastic 5 130 73 130 40	ETTING SOURCE MAN Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Hours:	P FINDINGS Not Reported 130 140 N 1 Air
awdown Depth: Iter Flow Rate: buted:	85 26	TTING SOURCE MAR Test Hours: Test Method:	P FINDINGS	Casing Type: Case Diameter (in): Striete Water Level: Test Drawdown Depth Test Water Flow Rate: Well Grouted:	PVC Plastic 5 130 73 130 40	ETTING SOURCE MAN Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Hours:	P FINDINGS Not Reported 130 140 N 1 Air
wdown Depth: ter Flow Rate: uuted: 	85 26 Y 64000005397 NOEL SOBERS Household Active	TTING SOURCE MAP Test Hours: Test Method: Elevation: Elevation: Permit #: Well Depth: Other Type Info: Other Status Info:	P FINDINGS 2 Air 0 MI WELLS 640005068 160 Not Reported Not Reported	Casing Type: Case Diamoter (in): State Nater Level: Test Drawdown Depth: Test Vater Flow Rate: Weil Grouted: E20 NE 1/2 - 1 Mile Higher	PVC Plastic 5 130 73 130 40 Y	ETTING SOURCE MAR Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Method: Elevation:	P FINDINGS Not Reported 130 140 N 1 Air 0 MI WELLS MI4000000566
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Il Status: Il Supply Serial #: Ier ID: erer Method Info: sing Type: se Diameter (in): een Start Depth: tic Water Level: st Drawdown Depth: st Water Flow Rate: Il Grouted:	Not Reported Not Reported 64-1743 Not Reported PVC Plastic 5 107 77 77 77 15 Y	Well #: Not R Drill Method: Rotar Construction Date: 1990-	-06-01 00:00:00 Reported	Map ID Diferection Distance Elevation 125 NNE 1/2 - 1 Mile Higher Well ID: Owner: Well Type: Well Status: Well Supply Serial & Driller ID:	64000001758 LIPSKI, CRAIG Unknown Not Reported 64-1743	Permit #: Weil Depth: Other Type Info: Other Status Info: Weil #: Drill Method:	Database EDR ID Nur M WELLS MI400000584 Not Reported 112 Not Reported Not Reported Unknown
1 Mile ter fell ID: wner: fell Type: fell Status: fell Status:	64000007075 Alan Huron Household Active Not Reported	Other Status Info: Not R		Other Method Info: Casing Type: Case Diameter (m): Screen Start Depth: Static Water Level: Test Drawdown Dep Test Water Flow Ra Well Grouted:	Not Reported Unknown 0 : Not Reported 80 pth: 0	Construction Date: Other Casing Indi: Casing Depth (tt): Screen End Depth: Flowing: Test Hours: Test Method: Elevation:	1991-09-10 00:00:00 Not Reported 0 Not Reported N 0 Unknown 699
le topping Centan III. ter ID: ter Method Info: sing Type: se Diameter (in): een Start Depth: tic Water Level: at Drawdown Depth: tt Water Flow Rate: II Grouted:	64-7743 Not Reported PVC Plastic 5 5 82 82 96 16 Y	Drill Method: Rotar Construction Date: 2013-	ry -11-06 00:00:00 Reported	H26 NNE 1/2 - 1 Mile Higher Well ID: Owner: Well Status: Well Status: Uell Supply Serial 4 Driller ID: Other Method Info:	64000003550 TM WHITE Household Active Not Reported 64-1587 Not Reported	Permit #: Well Depth: Other Type Info: Uther Status Info: Well #: Drill Method: Construction Date:	MI WELLS MI4000000587 64-02519 182 Not Reported Not Reported Unknown 2001-06-20 00:00.00
Mile ID: er: Type: Status: Supply Serial #: rf ID:	64000003551 PAM FLAHARTY Household Active Not Reported 64-1587	Other Status Info: Not R Well #: Not R Drill Method: Rotar	2475 Reported Reported Reported TV	Casing Type: Case Diameter (in): Screen Start Depth Static Water Level: Test Drawdown De Test Water Flow Ra Well Grouted:	PVC Plastic 5 : 172 51 pth: 100	Construction Date: Other Casing Info: Casing Depth (t): Screen End Depth: Flowing: Test Hours: Test Method: Elevation:	2001-06-20 00:00000 Not Reported 182 182 N 1 Air 0
rr Method Info: ng Type: 5 Diameter (in): en Start Depth: c Water Level: Drawdown Depth: Water Flow Rate: Grouted:	Not Reported PVC Plastic 5 174 81 120 20 Y	Construction Date: 2001. Other Casing Info: Not R Casing Depth (ft): 184 Screen End Depth: 184 Flowing: N Test Hours: 1 Test Method: Air Elevation: 0	-07-02 00:00 Reported	127 NNE 112, -1 Mile Higher Weil ID: Owner: Weil Status: Weil Status: Weil Status: Weil Status: Weil Status: Other Method Info: Chare Method Info: Case Dispeter (In): Screen Stat Depth Static Water Level:	64000006281 ALAN PEERAER Household Active the Not Page Not Reported Not Reported PVC Plastic 5 86 55	Permit #: Weil Depth: Other Type Info: Other Status Info: Weil # Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing:	MI WELLS MI4000000589 640006488 96 Not Reported Not Reported Not Reported 2009 1-20 100:00:00 Not Reported 96 N
GEO	CHECK®-PHYSICAL SETTI		NGS	GE	FOCHECK®- PHYSICAL	SETTING SOURCE MAI	P FINDINGS
GEO at Drawdown Depth: at Water Flow Rate: Il Grouted:	CHECK®-PHYSICAL SETTI	Test Hours: 1	NGS	Casing Type: Case Diameter (in): Screen Start Depth.		Other Casing Info: Casing Depth (ft): Screen End Depth:	Not Reported 139 144
t Drawdown Depth: t Water Flow Rate:	75 16	Test Hours: 1 Test Method: Test I	Pump	Casing Type: Case Diameter (in):	Steel-black 4 - 139 - 58 - 58 -	Other Casing Info: Casing Depth (ft):	Not Reported 139
Drawdown Depth: Water Flow Rate: Grouted: Mile	75 16	Test Hours: 1 Test Method: Test Elevation: 0 MI WEL Permit #: 6400 Well Depth: 118 Other Type Info: NoLR Other Status Info: NoLR Drill Method: NoLR Drill Method: Rota Construction Date: 2002	Pump LS MI400000587674 03008 Reported Reported Reported 90 90 -06-31 00:000 Reported	Casing Type: Case Diameter (m): Screen Start Deph: Static Water Levei: Test Drawdown Dep Test Water Flow Ra	Steel-black 4 139 58 pth: 80 te: 28 Y Y 64000004471 GLEN TOWNE Household Active F. Not Reported 14-1987 Not Reported PVC Plastic 5 5 90 40 pth: 0 187 Not Reported PVC Plastic 5 90 40 pth: 0 187 Not Reported PVC Plastic 5 90 40 90 197 197 197 197 197 197 197 197	Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Mours: Test Method:	Not Reported 139 144 N 3 Unknown
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l Status:	Not Reported	Other Status Info:	Not Reported	Map ID Direction			
I Supply Serial #: er ID: er Method Info:	Not Reported 64-0407 Not Reported	Well #: Drill Method: Construction Date:	Not Reported Rotary 1971-07-24 00:00:00	Distance Elevation			Database EDR ID Num
ig Type: Diameter (in):	Unknown 4	Other Casing Info: Casing Depth (ft):	Not Reported 129	J36 SW 1/2 - 1 Mile Higher			MI WELLS MI4000005847
Start Depth: Vater Level: awdown Depth:	129 68 0	Screen End Depth: Flowing: Test Hours:	138 N 0	Well ID: Owner:	64000001802 M.W. VANDERVEEN CONST. CO.	Permit #: Well Depth:	Not Reported 48
er Flow Rate: uted:	45 N	Test Method: Elevation:	Unknown 702	Well Type: Well Status:	Household Not Reported	Other Type Info: Other Status Info:	Not Reported Not Reported
				Well Supply Serial #: Driller ID:	Not Reported 64-0407	Well #: Drill Method:	Not Reported Auger/Bored
				Other Method Info: Casing Type: Case Diameter (in):	Not Reported Unknown 3	Construction Date: Other Casing Info: Casing Depth (ft):	1973-01-03 00:00:00 Not Reported 42
			MI WELLS MI400000589423	Screen Start Depth: Static Water Level:	42 25	Screen End Depth: Flowing:	48 N
	64000005824	Permit #: Well Depth:	640005631 175	Test Drawdown Depth Test Water Flow Rate: Well Grouted:	0 25 N	Test Hours: Test Method: Elevation:	0 Unknown 679
e: JS:	Troy Van Gerladeren Household Active	Other Type Info: Other Status Info:	Not Reported Not Reported	Weir Grouted.	N	Elevation.	0/9
ly Serial #:	Not Reported 70-0337	Well #: Drill Method:	Not Reported Cable Tool				
nod Info: be: neter (in):	Not Reported Steel-Galvanized 4	Construction Date: Other Casing Info: Casing Depth (ft):	2007-01-04 00:00:00 Not Reported 170	WNW 1/2 - 1 Mile			MI WELLS MI4000005882
art Depth: er Level:	170 50	Screen End Depth: Flowing:	175 N	Higher Well ID:	64000004491	Permit #:	640003812
down Depth: r Flow Rate: ied:	0 50 Y	Test Hours: Test Method: Elevation:	1 Plunger 0	Owner: Well Type: Well Status:	CHARLES CUTLER Household Active	Well Depth: Other Type Info: Other Status Info:	97 Not Reported Not Reported
ited.		Elevation.	0	Well Supply Serial #: Driller ID:	Not Reported 64-1587	Well #: Drill Method:	Not Reported Rotary
				Other Method Info: Casing Type:	Not Reported PVC Plastic	Construction Date: Other Casing Info:	2003-06-30 00:00:00 Not Reported
			MI WELLS MI400000584701	Case Diameter (in): Screen Start Depth: Static Water Level:	5 87 51	Casing Depth (ft): Screen End Depth: Flowing:	97 97 N
	64000001744	Permit #:	Not Reported	Test Drawdown Depth Test Water Flow Rate:	55 12	Test Hours: Test Method:	1 Air
	PEERAER, ALLEN Household	Well Depth: Other Type Info:	97 Not Reported	Well Grouted:	Y	Elevation:	0
s: ly Serial #:	Not Reported Not Reported 64-1743	Other Status Info: Well #: Drill Method:	Not Reported Not Reported Hollow Rod				
hod Info: pe:	Not Reported Unknown	Construction Date: Other Casing Info:	1982-09-20 00:00:00 Not Reported	J38 SW 1/2 - 1 Mile			MI WELLS MI4000005879
neter (in): art Depth: er Level:	2 92 78	Casing Depth (ft): Screen End Depth: Flowing:	92 97 N	1/2 - 1 Mile Higher Well ID:	64000004176	Permit#:	640003431
down Depth: r Flow Rate:	78 14	Test Hours: Test Method:	1 Unknown	Owner: Well Type:	JOHN & LOIS SULLIVAN Household	Well Depth: Other Type Info:	84 Not Reported
ed:	Ν	Elevation:	702	Well Status: Well Supply Serial #: Driller ID:	Active Not Reported 64-1587	Other Status Info: Well #: Drill Method:	Not Reported Not Reported
				Other Method Info: Casing Type:	Not Reported PVC Plastic	Construction Date: Other Casing Info:	Rotary 2002-10-16 00:00:00 Not Reported
				Case Diameter (in): Screen Start Depth: Static Water Level:	5 74 41	Casing Depth (ft): Screen End Depth: Flowing:	84 N
			TC6550291.2s Page A-29			т	C6550291.2s Page A-30
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rawdown Depth: /ater Flow Rate:	70 29		P FINDINGS	Casing Type: Case Diameter (in):	Unknown 4	ING SOURCE MAI	P FINDINGS
wdown Depth: ter Flow Rate:	70		P FINDINGS	Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level:	Unknown 4 46 20	Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing:	P FINDINGS Not Reported 0 50 N
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vdown Depth: er Flow Rate: ited:	70 29 Y 64000005929 RITA ROBINS Household	TTING SOURCE MA Test Hours: Test Method: Elevation: Permit #: Well Depth: Other Type Info:	P FINDINGS 1 Unknown 0 MI WELLS MI400000589515 6400058855 45 Not Reported	Casing Type: Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Depth Test Water Flow Rate: Well Grouted:	Unknown 4 46 20 0	Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Hours:	P FINDINGS Not Reported 5 G N Urknown
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lown Depth: Flow Rate: d: ; ; ; Serial #: od Info: e:	70 29 Y KITA ROBBINS Household Active Not Reported 64-1587 Not Reported 64-1587 Not Reported PVC Plastic	Test Hours: Test Moltod: Elevation: Well Depti: Other Type Info: Other Type Info: Other Status Info: Well # Drill Method: Construction Date: Other Casing Info:	P FINDINGS	Casing Type: Case Diameter (in): Soreen Start Depth Static Water Level: Test Drawdown Depth Test Water Flow Rate: Well Grouted: N42 SW 1/2 - 1 Mile Higher Well ID: Owner: Well TD: Owner: Well Status:	Unknown 4 46 20 0 0 0 N 84000001811 HART PUBLIC SCHOOLS Household Not Reported	ING SOURCE MAI	P FINDINGS Nat Reported 0 50 N 0 Unknown 679 MI WELLS MI40000005847 Not Reported 46 Not Reported
Serial #: ster (in): tbepth:	70 29 Y F4000005929 RTA ROBBINS Household Active Not Reported 64-1987 Not Reported 64-1987 Not Reported PVC Plastic 5 5	Test Hours: Test Hours: Test Method: Elevation: Other Type Info: Other Type Info: Other Type Info: Other Casing Info: Other Casing Info: Construction Date: Other Casing Depth (ft): Screen End Depth:	P FINDINGS	Casing Type: Case Diameter (in): Soreen Start Deph Test Drawdown Deph Test Water Flow Rate: Well Grouted: N42 SW 1/2 - 1 Mile Higher Well ID: Owner: Well Type: Well Status: Well Status: Well Status: Well Status: Well Status:	Unknown 4 46 20 0 0 N N N N N N N N N N N N N R Poported Not Reported Not Reported	ING SOURCE MAI Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Hours: Test Hours: Elevation: Elevation: Elevation: Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Drill Method:	P FINDINGS Not Reported O N O Unknown 679 N N N N N N N N N N N N N N N N N N N
Serial #: ster (in): Level: Level:	70 29 Y F4000005929 RTA ROBBINS Household Active Not Reported 64-1987 Not Reported 64-1987 Not Reported PVC Plastic 5 5 5 19 28	TTING SOURCE MA Test Hours: Test Method: Elevation: Well Depth: Other Type Info: Other Status Info: Well # Other Status Info: Well # Other Casing Info: Other Casing Info: Other Casing Depth (ft): Screen End Depth: Flowing: Test Hours:	P FINDINGS	Casing Type: Case Diameter (in): Screen Start Depth Test Drawdown Depth Test Water Flow Rate: Well Grouted: N42 SW 1/2 1 Mille Higher Well ID: Owner: Well Suppl yearia #: Well Suppl yearia #: Well Suppl yearia #: Other Method Info: Case Diameter (in): Case Diameter (in):	Unknown 4 46 20 0 0 N N 84000001811 HART PUBLIC SCHOOLS Household Not Reported Not Reported	Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Hours: Test Hours: Elevation: Elevation: Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Defit Method: Construction Date: Other Casing Info:	P FINDINGS Not Reported 55 N 0 Uriknown 679 MI WELLS MI40000005847 Not Reported 46 Not Reported Not Reported Not Reported Not Reported
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fown Depth: Flow Rate: dd: y Serial #: od Info: e: eler (n): rt Depth: rt Depth: Flow Rate:	70 29 Y F4000005929 RTA ROBBINS Household Active Not Reported 64-1987 Not Reported 64-1987 Not Reported PVC Plastic 5 5 5 19 28	TTING SOURCE MA Test Hours: Test Method: Elevation: Well Depth: Well Depth: Well Depth: Well Depth: Other Systems Info: Well Well Construction Date: Construction Dat	P FINDINGS	Casing Type: Case Diameter (in): Soreen Start Depth Test Drawdown Depth Test Water Flow Rate: Well Grouted:	Unknown 4 46 20 0 0 N N N State-back 0 Steet-back 0 Steet-back 0 41	ING SOURCE MAI Other Casing Info: Casing Depth (ft): Freen End Depth: Free Hours Test Hours Test Hours Test Hours Test Moto: Elevation: Permit #: Well Depth: Other Type Info: Other Type Info: Other Type Info: Other Type Info: Other Type Info: Other Type Info: Other Type Info: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth:	P FINDINGS Not Reported O O NO
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iown Depth: Fiow Rate: ad: y Serial #: od Info: e: eter (in): r I Depth: Fiow Rate: ad: y Serial #: down Depth: Fiow Rate: ad:	70 29 Y 84000005929 RTA ROBBINS Household Active Not Reported 64-1567 by Reported 64-1567 by Reported 64-1567 by Reported 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	TTING SOURCE MA Test Hours: Test Method: Elevation: Other Type Info: Other Status Info: Well #: Other Status Info: Well #: Construction Date: Construction Date: Cons	P FINDINGS	Casing Type: Case Diameter (in): Screen Slatt Deph: Test Drawdown Deph Test Water Flow Raie: Well Grouted: N42 Sw 1/2 - 1 Mile Higher Well D1: Owner: Well Type: Well Slatus: Screen Slatt Deph Test Water Flow Raie: Well Synte: Screen Slatt Deph Test Water Flow Raie: Well Grouted:	Unknown 4 4 20 0 0 0 N N Selouenoid Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Selouenoid 0 0 0 0 0 N Selouenoid 0 0 0 0 0 0 0 0 0 0 0 0 0	NG SOURCE MAI Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Method: Elevation: Elevation: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Hothod: Elevation:	P FINDINGS Not Reported 0 S0 N Not Reported O G79 MI WELLS MI40000005847 Not Reported Ya Public Well Type Unknown Not Reported
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jown Depth: Filow Rate: ed: y Serial #: rood Info: ref Depth: r Level ed: r Level r Depth: r Level ed: y Serial #: r Sorrial #: r Sorrial #: r Sorrial #: y Serial #: r Sorrial #: r Sorria	70 29 Y 64000005929 RTFA ROBBINS Household Active Not Reported 64-1587 Not Reported 64-1587 Not Reported FVC Plasice 5 35 19 10 Y Y	Permit #: Yeat Hours: Test Method: Elevation: Other Type Info: Other Type Info: Other Status Info: Well # Drill Method: Construction Date: Other Casing Info: Other Status Info: Well # Drill Method: Construction Date: Other Casing Info: Screen End Depth: Flowing: Test Method: Elevation: Permit #: Well Depth: Well Depth: Other Type Info: Other Status Info: Well # Other Status Info: Well # Deft: Other Status Info: Well # Drill whod: Construction Date: Other Casing Depth (ft): Screen End Depth: Flowing: Test Hours:	P FINDINGS	Casing Type: Case Diameter (in): Screen Start Dephi: Test Drawdown Deph Test Water Flow Rai: Well Grouted:	Unknown 4 4 4 20 0 0 N 8 4000001811 HART PUBLIC SCHOOLS Household Not Reported Not Reported Steel-black 0 5 1 29 0 0 N 8 5 4 4 5 5 4 5 5 4 5 5 5 6 4 5 5 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5	Permit # Well Depth: Other Type Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Method: Elevation: Elevation: Diff Type Info: Other Type Info: Other Type Info: Other Type Info: Other Status Info: Well #: Diff Method: Elevation: Frest Hotre: Test Hotre: Test Hotre: Elevation:	P FINDINGS Not Reported 0 50 N 0 579 NU Urknown 679 MI WELLS MI4000005847 Not Reported A6 Mot Reported Not Reported
iown Depth: Fiow Rate: d: / Serial #: dod Info: e: eter (in): r Level: fiow Rate: d: / Serial #: dol Info: e: eter (in): r Serial #: dol Info: e: eter (in): r Level: fiow Rate: fiow Rate:	70 29 Y F4000005929 RTA ROBBINS Household Active Not Reported 64-1987 Not Reported 64-1987 Not Reported PVC Plastic 5 5 19 28 10 Y Y	TTING SOURCE MA Test Hours: Test Method: Elevation: Elevation: Other Type Info: Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Gaiage Capth (fi): Gaiage Capth (fi): Construction Date: Other Casing Info: Construction Date: Construction Date: Construction Date: Casing Depth (fi): Screen End Depth: Flowing: Flowing:	P FINDINGS	Casing Type: Case Diameter (in): Soreen Slart Depth Test Drawdown Depth Test Water Flow Rate: Well Grouted: N42 SW 1/2 - 1 Mile Higher Well DD: Owner: Well Status Well Status Well Status Well Status Well Status Case Diameter (in): Screen Slart Depth Static Water Level: Test Drawdown Depth Test Water Flow Rate: Well Counted:	Unknown 4 4 20 0 0 0 N N 4 4 4 20 0 0 N 4 4 4 4 20 0 0 N 8 4 4 4 4 4 4 4 4 4 4 4 4 4	NG SOURCE MAI Other Casing Info: Casing Depth (t): Screen End Depth: Flowing: Test Method: Elevation: Elevation: Well #: Well Depth: Other Status Info: Other Status Info: Other Status Info: Other Casing Info: Other Casing Info: Other Casing Info: Elevation: Elevation: Elevation: Elevation: Elevation: Elevation: Elevation: Elevation: Depth: Other Type Info: Other Casing Info: Construction Date: Other Casing Info: Casing Depth (f): Screen End Depth: Flowing:	P FINDINGS Not Reported 0 55 Not Reported 0 Unknown 679 Not Reported 46 Not Reported Not Reporte
vdown Depth: ar Flow Rate: ited:	70 29 Y F4000005929 RTA ROBBINS Household Active Not Reported 64-1987 Not Reported 64-1987 Not Reported PVC Plastic 5 5 19 28 10 Y Y	Tring Source MA	P FINDINGS	Casing Type: Case Diameter (In): Screen Start Depth Test Drawdown Depth Test Water Flow Rai: Well Grouted:	Unknown 4 4 4 6 20 0 0 0 N 8 64000001811 HART PUBLIC SCHOOLS Household Not Reported Not Reported Not Reported Steel-back 0 129 0 0 N 8 6 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	ING SOURCE MAI Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Hours: Elevation: Permit #: Well Depth: Other Type Info: Other Type Info: Other Status Info: Well #: Diff Method: Construction Date: Other Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Method: Elevation: Permit #: Well Depth: Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Method: Elevation: Permit #: Well Depth: Other Type Info: Other Type Info: Other Type Info: Other Type Info: Construction Date: Dreft Keng Info: Casing Depth (f): Screen End Depth:	P FINDINGS Not Reported O S N O S N O N O N O N O N O N O N O N
Serial #: Serial #: d: Serial #: d Info: : Level: Sown Depth: Flow Rate: d: Serial #: d Info: : Level: Serial #: Depth: Level: Som Cather : Comparison : Serial #: Serial #: Serial #: Depth: : Level: Som Cather : : : : : : : : : : : : :	70 29 Y K RTA-ROBEINS Household Active Not Reported 64-1587 Not Reported PVC Plastic 5 35 19 28 10 Y Y KOUGHT, MYRON Household Not Reported Not Reported Not Reported S5-046 S0-046 Not Reported Unknown 2 4 5 34 34 31 10 N	TTING SOURCE MA	P FINDINGS	Casing Type: Case Diameter (in): Soreen Start Depth Test Water Flow Rate: Weil Grouted: N42 SW 1/2 - 1 Mile Higher Weil Di: Owner: Weil Status: Weil Status: Weil Status: Weil Status: Test Dravdown Depth Test Vater Flow Rate: Weil Status: Test Dravdown Depth Test Vater Flow Rate: Weil Grouted:	Unknown 4 4 4 20 0 0 N 8 64000001811 HART PUBLIC SCHOOLS HART	NG SOURCE MAI Other Casing Info: Casing Depth (t): Screen End Depth: Flowing: Test Method: Elevation: Elevation: Well #: Well Depth: Other Status Info: Well #: Drill Method: Elevation: Screeg Early (b): Screeg	P FINDINGS Not Reported 0 S0 N S0 N O Unknown G79 MI WELLS MI40000005547 Not Reported AG Not Reported Not Repor
wrn Depth: low Rate: : Serial #: d Info: er (in): Dopth: Level: low Rate: : Serial #: d Info: er (in): Depth: Level: wrn Depth: Level: wrn Depth: Level: Level: Level: wrn Depth: Level: Level: wrn Depth: Level: L	70 29 Y F4000005929 RTA ROBEINS Household Active Not Reported 64-1587 Not Reported PVC Plastic 5 35 19 28 10 Y Y F4000001820 ROUGHT, MYRON Household Not Reported Not Reported S-046 Not Reported S-046 Not Reported Not Reported	TTING SOURCE MA	P FINDINGS	Casing Type: Case Diameter (In): Screen Start Depth Test Water Flow Rate: Well Grouted:	Unknown 4 4 4 20 0 0 N 8 64000001811 HART PUBLIC SCHOOLS HART	NG SOURCE MAI Other Casing Info: Casing Depth (t): Screen End Depth: Flowing: Test Method: Elevation: Elevation: Well #: Well Depth: Other Status Info: Well #: Drill Method: Elevation: Screeg Early (b): Screeg	P FINDINGS Not Reported 0 S0 N S0 N O Unknown G79 MI WELLS MI40000005547 Not Reported AG Not Reported Not Repor
al #: al #: o: n): n): n): Bapth: Rate: n): n): bapth: Rate: n): Rate: n): Rate: n): Rate: n): Rate: n): n): n): n): n): n): n): n)	70 29 Y 64000005529 RTFA ROBBINS Household Active Not Reported 64-1587 Not Reported FVC Plastic 5 35 19 20 35 19 20 35 19 20 35 19 20 35 19 20 35 19 20 20 35 19 20 20 20 20 20 20 20 20 20 20 20 20 20	TTING SOURCE MA	P FINDINGS	Casing Type: Case Diameter (In): Screen Start Deph: Test Drawdown Deph Test Water Flow Rate: Well Grouted:	Unknown 4 4 20 0 0 0 N 8 64000001811 HART PUBLIC SCHOOLS Household Not Reported Not Reported 0 4-0529 Not Reported 5 4-0529 Not Reported 0 4-0529 Not Reported 0 0 0 N 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1	ING SOURCE MAI Other Casing Info: Casing Depth (f): Screen End Depth: Flowing: Test Hours: Test Hours: Test Hours: Elevation: Permit #: Well Depth: Other Type Info: Other Type Info: Other Type Info: Other Status Info: Well #: Diff. Method: Construction Date: Flowing: Test Hours: Test Method: Elevation: Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Diff. Construction Date: Flowing: Test Hours: Test Method: Elevation: Diff. Construction Date: Flowing: Test Hours: Test Method: Construction Date: Diff. Construction Date: Diff. Construction Date: Diff. Construction Date: Diff. Construction Date: Diff. Screen End Depth: Flowing: Test Hours: Test Method: Elevation: Elevation: Permit #:	P FINDINGS Not Reported O SO N O ST O N O N O N O N O N O N O N O N O N O
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GEOCHECK® PHYS	ICAL SETTING SOURCE MAP FINDING	GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS	
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Il Status: Active Il Supply Serial #: Not Reported	Other Status Info: Not Report Well #: Not Report	d Direction Distance	EDR ID Num
er ID: 64-1587 er Method Info: Not Reported	Drill Method: Rotary Construction Date: 2000-05-2		
Type: PVC Plastic Diameter (in): 5	Other Casing Info: Not Report Casing Depth (ft): 100	0:00:00 i NNW MIWELLS MI 1/2 - 1 Mile Lower	140000005891
itart Depth: 90 ater Level: 0	Screen End Depth: 100 Flowing: Y	Well ID: 6400005572 Permit #: 6400047447	
down Depth: 60 r Flow Rate: 20	Test Hours: 1 Test Method: Air	Owner: CHAD HUIZENGA Well Depth: 126 Well Type: Household Other Type Info: Not Reported	
ed: Y	Elevation: 0	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: 2005-10-14 00:01	00.00
		Casing Type: PVC Plastic Other Casing Info: Not Reported Case Diameter (in): 5 Casing Depth (ft): 90	
	MIWELLS	MI4000000590041 Screen Start Depth: 116 Screen End Depth: 126 Static Water Level: 45 Flowing: N	
6400006522	Permit #: 640006673	Test Drawdown Depth: 60 Test Hours: 1 Test Water Flow Rate: 16 Test Method: Test Pump	
JOHN AND SANDY D Household		Well Grouted: Y Elevation: 0	
us: Active bly Serial #: Not Reported	Other Status Info: Not Repor Well #: Not Repor		
34-2126 nod Info: Not Reported	Drill Method: Rotary Construction Date: 2009-11-1		
e: Steel-Galvanized eter (in): 4	Other Casing Info: Not Report Casing Depth (ft): 81	j NE MIWELLS MI 1/2 - 1 Mile	140000005898
rt Depth: 81 rr Level: 70	Screen End Depth: 86 Flowing: N	Higher Well ID: 6400006267 Permit #: 640006406	
own Depth: 79 Flow Rate: 30	Test Method: Plunger	Owner: TED STRALEY Well Depth: 40 Well Type: Household Other Type Info: Not Reported	
riow Rate: 30 id: Y	Elevation: 0	Well Status: Active Other Status Info: Not Reported	
		Well Supply Serial #: Not Reported Well #: Not Reported Driller ID: 61-2040 Drill Method: Jetted	
		Other Method Info: Not Reported Construction Date: 2008-09-11 00:00 Casing Type: Steel-Galvanized Other Casing Info: Not Reported	00:00
	MIWELLS	Mi400000584721 Case Diameter (in): 4 Casing Depth (II): 35 Screen Start Depth: 35 Screen End Depth: 40	
		Static Water Level: 40 Flowing: N Test Drawdown Depth: 33 Test Hours: 1	
64000001765 STRALEY, TED	Permit #: Not Report Well Depth: 38		
Household Not Reported	Other Status Info: Not Report Other Status Info: Not Report		
y Serial #: Not Reported Not Reported	Well #: Not Report Drill Method: Hollow Ro		
od Info: Not Reported	Construction Date: 1975-05-2 Other Casing Info: Not Report	A SW MIWELLS MI	140000005847
eter (in): 2	Casing Depth (ft): 0	1/2 - 1 Mile Higher	
rt Depth: 34 er Level: 18	Flowing: N		
lown Depth: 0 Flow Rate: 0	Test Hours: 0 Test Method: Unknown	Owner: HART SCHOOL BUILDING TRADES Well Depth: 48 Well Type: Household Other Type Info: Not Reported	
d: Y	Elevation: 679	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: 1983-11-08 00:00	00:00
		Casing Type: Unknown Other Casing Info: Not Reported Case Diameter (in): 4 Casing Depth (ft): 44	
		Screen Start Depth: 41 Screen End Depth: 46 Static Water Level: 29 Flowing: N	
GEOCHECK®- PHYS	ICAL SETTING SOURCE MAP FINDING	GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS	
wdown Depth: 0 ter Flow Rate: 0	Test Method: 0 Test M	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Casing Depth (ft): 72	
lown Depth: 0 Flow Rate: 0	Test Hours: 0 Test Method: Unknown	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Casing Depth (tt): 72 Screen Ext Depth: 71 Screen Ext Depth: 75 Static Water Level: 62 Flowing: N Test Dravdown Depth: 62 Test Hours: 1	
down Depth: 0 Flow Rate: 0	Test Hours: 0 Test Method: Unknown	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Casing Depth (it): 72 Screen Start Depth: 71 Screen End Depth: 75 Static Water Level: 62 Flowing: N Test Drawdown Depth: 62 Test Hours: 1 Test Water Flow Rai: 15 Test Method: Plunger	
wdown Depth: 0 er Flow Rate: 0	Test Hours: 0 Test Method: Unknown	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Casing Depth (tt): 72 Screen Ext Depth: 71 Screen Ext Depth: 75 Static Water Level: 62 Flowing: N Test Dravdown Depth: 62 Test Hours: 1	
Jown Depth: 0 Flow Rate: 0 ed: N 64000006774 Horbert G. Foster Household	Test Hours: 0 Test Method: Unknown Elevation: 679 MI WELLS Permit #: 64000713 Well Deptn: 61 Other Type Info: Not Repor	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Casing Depth (it): 72 Sorien Start Depth: 71 Sorien End Depth: 75 Static Water Level: 62 Flowing: N Test Drawdown Depth: 62 Test Hours: 1 Test Water Flow Rate: 15 Test Method: Plunger Well Grouted: Y Elevation: 0 Mi4000000590249	
iown Depth: 0 Flow Rate: 0 dd: N 64000006774 Herbert G, Foster Household S Forlaf #: Active S Forlaf #: No Reported	Test Hours: 0 Test Method: Unknown Elevation: 679 MI WELLS Permit #: 64000713 Well Depth: 61 Other Type Info: Not Repor Other Status Info: Not Repor Well #: Not Repor	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Screen Start Depth: 71 Static Water Level: 62 Fowing: N Test Drawdown Depth: 62 Test Hours: 1 Test Water Fow Rate: 15 Test Method: Plunger Well Grouted: Y Elevation: 0 MIWELLS Mile Higher Well ID: 6400001800 Permit #: Not Reported	
own Depth: 0 Flow Rate: 0 d: N 64000006774 Herbert G. Foster Household Active Serial #: Not Reported 64-0407	Test Hours: 0 Test Method: Unknown Elevation: 679 MI WELLS MI WELLS Parmit #: 640007133 Well Depth: 61 Other Type Info: Not Report Other Status Info: Not Report Diff #: Not Report Diff ##tors: Not Report	Casing Type: Steel-Unknown Other Casing Info: Not Reported Case Diameter (in): 2 Casing Depth (ft): 72 Soreen Start Depth: 71 Soreen End Depth: 75 Static Water Level: 62 Felowing: N Test Drawdown Depth: 62 Test Hours: 1 Test Water Flow Rate: 15 Test Method: Plunger Well Grouted: Y Elevation: 0 MI4000000590249	
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Anni Shouled. Anni Anni Anni Anni Anni Anni Anni Anni	64000006499 GOEFF HANSEN Household Active Not Reported 64-1743	Permit #: Weil Depth: Other Type Info: Other Status Info: Weil #: Drill Method:	640006491 98 Not Reported Not Reported Not Reported Rotary	Viel Supply Serial #: Well Supply Serial #: Driller ID: Other Method Info: Casis Diameter (in): Screen Start Deph: Test Drawdown Dep Test Water Flow Rat Well Grouted:	Not Reported 64-1587 Not Reported PVC Plastic 5 93 41 *: 80	Unite Satus into: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (t): Screen End Depth: Flowing: Test Hours: Test Hours: Test Hours: Elevation:	Not Reported Not Reported Rotary 2004-09-1100:00:00 Not Reported 103 N 103 N 1 Other 686
her Method Info: ising Type: ise Diameter (in): reen Start Depth: atic Water Level: st Drawdown Depth: st Water Flow Rate: all Grouted:	Not Reported PVC Plastic 58 55 10 18 Y	Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method: Elevation:	2009-07-25 00:00:00 Not Reported 80 N N 1 Test Pump 0	81 SW 1/2 - 1 Mile Higher Well ID: Owner: Well Status Well Status Well Status Well Status Well Status Uniter ID: Other Method Info: Casing Types	64000005396 MANUEL VILANUEVA Household Active Nor Reported 64-1587 Nor Reported PVC Plastic	Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info:	MI WELLS MI400000589024 640005 100 Not Reported Not Reported Rotary 2005-08-02 00:000 Not Reported
Mile r IIID: ner: II Type: II Status: II Status: II Status: II Status: II Status: II Status: II Status: II Status:	64000001766 ALTLAND, THOMAS Household Not Reported Not Reported 62-0359	Permit #: Well Depth: Other Type Info: Other Status Info: Well #: Drill Method:	MI WELLS MI400000584722 Not Reported 106 Not Reported Not Reported Rotary	Case Diameter (n): Screen Start Depth: Static Water Level Test Drawdown Dep Test Water Flow Rat Well Grouted:	5 90 30 1: 52	Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method: Elevation:	100 100 N 1 Air 692
her Method Info: using Type: use Diameter (in): reen Start Depth: atic Water Level: ust Drawdown Depth: st Water Flow Rate: ell Grouted:	Not Reported PVC Plastic 5 101 0 60 25 Y	Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Hethod: Elevation:	1989-06-28 00:00:00 Not Reported 106 106 Y 1 Unknown 659	W82 East 1/2 1 Mile 1/2 1 Mile 1/2 1 Mile 1/2 1/2 1 Mile 0 Owner: Well Status Well Status	64000001762 GEHL BOB Household Not Reported Not Reported Not Reported Not Reported Unknown Unknown 0 147 40	Permit #: Well Depth: Other Type Info: Other Status Info: Destination Status Destination Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Elowing:	MI WELLS MI400000584718 Not Reported 151 Not Reported Not Reported 1882-12-56 00:00:00 Not Reported 0 151 N
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GEO(CHECK®-PHYSICAL SETTI			GE Casing Type: Case Diameter (in):	DCHECK®-PHYSICAL SET		
est Drawdown Depth: st Water Flow Rate: eil Grouted: 1 Mile		ING SOURCE MAI	P FINDINGS	Casing Type:	PVC Plastic 5 104 55 10 100	TTING SOURCE MAI	P FINDINGS
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It Drawdown Depth: It Water Flow Rate: Il Grouted: Il Grouted: Il D: ner: Il Subus: Il Subus: Il Subus: Il Supus: Il Supus	0 0 Y DAVID & MAUREEN DAVIS Household Active Not Reported 64-047 Not Reported PVC Plastic 5 93 25 60	Permit #: Weil Depti: Vermit #: Weil Depti: Weil Pope Info: Other Type Info: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Hours:	P FINDINGS Unknown 689 MI WELLS M4000000591016 64-8692 98 Not Reported Not Repo	Casing Type: Case Diameter (in): Screen Start Depti: Test Drawdown Dept Test Water Fore Kat Well Grouted:	PVC Plastic 5 104 55 105 20 Y Y 64000001824 HAWLEY, JOHN Type II Public Active 2023264 Not Reported Unknown 4 10 5 64000006414 Geoff Hansen Household Active Y Y Y Y	Construction of the second sec	P FINDINGS Not Reported 114 N 114 N 1 Other 0 MI WELLS MI4000000584771 Not Reported 120 Not Reported 101 Cable Tool 120 Not Reported 120 Not R

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	Driller ID: 64-04 Other Method Info: Not Ri Casing Type: Unknr Case Diameter (in): 4 Screen Start Depth: 152 Static Water Level: 80 Test Drawdown Depth: 0	407 Reported	Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method:	Rolary 1979-10-29 00:00:00 Not Reported 152 167 N 0 Unknown	Elevation 91 West 1/2 - 1 Mile Higher Well ID: Owner: Well Status: Well Status: Well Status:	BRANDEL, JACK Household Not Reported Not Reported	Well Depth: Other Type Info: Other Status Info: Well #:	MI WELLS MI400000050 Not Reported Not Reported Not Reported Not Reported
	rth 1 Mile her Well ID: 64000 Owner: HARR Well Type: Test V Well Status: Active	RISON LANDING, STEVE BRUCE Well	Well Depth: Other Type Info:	Not Reported 95 Not Reported	Other Method Info: Casing Type Case Diameter (in): Screen Start Depth: Static Water Level: Test Drawdown Depth: Test Water Flow Rate:	Not Reported Steel-black 4 90 32 95	Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method:	1983-09-30 00:00:00 Not Reported 90 100 N 1 Unknown
	riller ID: 64-04/ ther Method Info: Not R asing Type: Steel- ase Diameter (in): 4 creen Start Depth: 90 tatic Water Level: 29.7 est Drawdown Depth: 74 est Water Flow Rate: 20	407 Reported I-Unknown	Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method:	Rotary 2005-06-24 00:00:00 Not Reported 90 94 N 4 Test Pump	East 1/2 - 1 Mile Higher Well D: Owner: Well Status: Well Status: Well Status:	Longcore, Ron Household Active Not Reported	Well Depth: Other Type Info: Other Status Info: Well #:	640007281 168 Not Reported Not Reported Not Reported
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	riller ID: 64-04 ther Method Info: Not R asing Type: Steel- ase Diameter (in): 4 creen Start Depth: 70 atic Water Level: 36 est Drawdown Depth: 70 sst Water Flow Rate: 30	407 Reported	Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth: Flowing: Test Hours: Test Method:	Rotary 2005-10-10 00:00:00 Not Reported 70 75 N 2 Test Pump	NNE 1/2 - 1 Mile Higher Weil ID: Owner: Weil Status: Weil Status: Weil Status: Uniter ID: Other Method Info: Case Diameter (in): Screen Statt Depth:	KEVIN KECK Household Active Not Reported 53-1917 Not Reported PVC Plastic 5 170	Well Depth: Other Type Info: Other Type Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth:	640004092 180 Not Reported Not Reported Rotary 2003-12-09 00:00:00 Not Reported 180 180
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All Martin All Martin <th>GEOCHECK</th> <th>K®-PHYSICAL SETTING</th> <th></th> <th></th> <th>GEO</th> <th>CHECK®- PHYSICAL SE</th> <th></th> <th></th>	GEOCHECK	K®-PHYSICAL SETTING			GEO	CHECK®- PHYSICAL SE		
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IMile er IMIWELLS MI400000587832 Imite Imit Imite <td>sst Drawdown Depth: 85 sst Water Flow Rate: 35 eil Grouted: Y 1 Mile or eil ID: 64000 wmer. Steve eil Status: Active eil Status: Active eil Status: Active eil Status: Active eil Status: Active ssc Diarneirer (n): 64-15 brer Marguet finfo: Not R her Marguet finfo: Not R her Marguet finfo: Not R her Marguet finfo: Not R her Marguet finfo: 94 alice Water Love: 61 sst Drawdown Depth: 80 sst Water Flow Rate: 15</td> <td>20003647 en Clark sehold re Reported 587 Reported</td> <td>A SOURCE MAR Test Hours: Test Method: Elevation: Weil Daph: Weil Daph: Other Type Info. Other Type Info. Other Type Info. Other Type Info. Other Type Info. Other Type Info. Other Type Info. Construction Date: Other Casing Info. Construction Date: Other Casing Info. Test Heuros: Test Method:</td> <td>P FINDINGS 2 Air 0 MI WELLS MI4000000587442 64-02329 104 Nd Reported Nd Rep</td> <td>Casing Type: Case Diameter (in): Storeen Start Depth: Test Natar Cover: Test Drawdown Depth: Trest Water Flow Rate: Well Grouted.</td> <td>PVC Plastic 5 62 42 60 18 Y 5 64000005255 ALBERT SCHUCHARDT Household Active Not Reported 41-1987 Not Reported PVC Plastic 5 80 38 0</td> <td>Construction of the second sec</td> <td>P FINDINGS Not Reported 3 72 N 1 Test Pump 0 MI WELLS MI40000005 G40004845 9 Not Reported Not Re</td>	sst Drawdown Depth: 85 sst Water Flow Rate: 35 eil Grouted: Y 1 Mile or eil ID: 64000 wmer. Steve eil Status: Active eil Status: Active eil Status: Active eil Status: Active eil Status: Active ssc Diarneirer (n): 64-15 brer Marguet finfo: Not R her Marguet finfo: Not R her Marguet finfo: Not R her Marguet finfo: Not R her Marguet finfo: 94 alice Water Love: 61 sst Drawdown Depth: 80 sst Water Flow Rate: 15	20003647 en Clark sehold re Reported 587 Reported	A SOURCE MAR Test Hours: Test Method: Elevation: Weil Daph: Weil Daph: Other Type Info. Other Type Info. Other Type Info. Other Type Info. Other Type Info. Other Type Info. Other Type Info. Construction Date: Other Casing Info. Construction Date: Other Casing Info. Test Heuros: Test Method:	P FINDINGS 2 Air 0 MI WELLS MI4000000587442 64-02329 104 Nd Reported Nd Rep	Casing Type: Case Diameter (in): Storeen Start Depth: Test Natar Cover: Test Drawdown Depth: Trest Water Flow Rate: Well Grouted.	PVC Plastic 5 62 42 60 18 Y 5 64000005255 ALBERT SCHUCHARDT Household Active Not Reported 41-1987 Not Reported PVC Plastic 5 80 38 0	Construction of the second sec	P FINDINGS Not Reported 3 72 N 1 Test Pump 0 MI WELLS MI40000005 G40004845 9 Not Reported Not Re
riller ID: 64-1743 Drill Method: Rotary Owner: JANET SETTLER Well Depth: 132	st Drawdown Depth: 85 set Water Flow Rate: 35 fell Grouted: Y 1 Mile er f	20003647 en Clark sehold Reported 587 Reported Plastic 20006015 KALD MOLNAR sehold re Reported 987 Reported 987	B SOURCE MAF Test Hours: Test Method: Elevation: Permit #: Wel Depth: Other Type Info: Other Type Info	2 Air 0 0 MI WELLS Mi4000000587442 64-02329 104 Not Reported Not Reported Not Reported 104 Not Reported 104 Not Reported 104 Not Reported 100 Not Reported Relation (Statement Statement Statemen	Casing Type: Case Diameter (in): Screen Start Depth: Test Nator Nor Kate: Well Grouted:	PVC Plastic 5 62 42 66 18 Y 64000005255 ALBERT SCHUCHARDT Helinoid ALBERT SCHUCHARDT Helinoid Not Reported PVC Plastic 5 80 0 V Y 64000005400 Gordon Fettke Household Active Not Reported 7 V 18 18 18 18 18 18 18 18 18 18	Construction Date: Construction Depth: Flowing: Frest Method: Elevation: Permit #: Well Depth: Other Type Info: Other Type Info: Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (1); Seging Depth (2); Flowing: Test Method: Elevation: Permit #: Well Depth: Test Method: Elevation: Permit #: Well Depth: Other Type Info: Other Casing Info: Construction Date: Construction Date: Other Casing Info: Construction Date: Construction Date: Construction Date: Construction Date: Construction Date: Construction Date: Construction Date: Casing Depth (1); Streen Find Depth: Flowing: Test Hours: Test H	P FINDINGS Not Reported 3 72 N 1 Test Pump 0 MI WELLS MI40000005 640004845 90 Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Rotary 2005-05-05-05-00-00-00 Not Reported 88 Not Reported 80 Not

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'ell Status: 'ell Supply Serial #: riller ID:	Active Not Reported 64-1587	Other Status Info: Well #: Drill Method:	Not Reported Not Reported Rotary	Distance			Database EDR ID Numbe
ther Method Info: asing Type:	Not Reported PVC Plastic	Construction Date: Other Casing Info:	2009-04-25 00:00:00 Not Reported	1 North 1/2 - 1 Mile			OIL_GAS MIOG1200006699
ise Diameter (in): reen Start Depth:	5 122	Casing Depth (ft): Screen End Depth:	122 132	API Well #:	21127611307000	Permit #:	GT1597
ic Water Level: t Drawdown Depth: t Water Flow Rate:	75 120 20	Flowing: Test Hours: Test Method:	N 1 Air	Completion: Well Status: Slant:	0 Plugging Approved V	Well Type: Bore Type: Total Depth Drilled:	Not Reported Mineral (Non-Confidential) 0
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				Operator #: Company Name:	472 Carter Oil Co		<u>_</u>
				Surface Owner: Federally Owned Land Plug Date:	Not Reported d: 0 Not Reported	State Owned Land: Permit Date: H2S Concentration:	0 Not Reported 0
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				1/2 - 1 Mile API Well #:	21127612037000	Permit #:	GT1715
				Completion: Well Status:	0 Plugging Approved	Well Type: Bore Type:	Not Reported Mineral (Non-Confidential)
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				Lease Name: Operator #:	George C. Brandel 472	Well #:	1
				Company Name: Surface Owner: Federally Owned Land	Carter Oil Co Not Reported d: 0	State Owned Land: Permit Date:	0 Not Reported
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ADON INFORMAT State Database: Radon Test F Zipcode 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420 49420	TION : MI Radon Results Test Date L1 	RADON T Sign Result 16 15 15 15 16 15 15 14 14 13 13 13 13 13	AP FINDINGS	AREA RADON INFORM 49420 4942	ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2005 11/16/2005 10/125/2006 10/25/2006 10/25/2007 1/14/2008 3/22/2007 11/14/2008 3/22/2007 11/14/2008 11/15/2008 11/12/199 11/12/1998 11/12/199 11/12/199 11/12/199 11/12/199 11/12/199 11/12/199 11/12/199 11/12/199 11/12/199 11/11/199 11/12/199 11/11/199 11/12/199 11/11/199 11/11/199 11/12/199 11/11/199 11/12/199 11/11/199 11/12/199 11/11/19 11/11/19 11/11/19 11/11/19 11/11/1	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	P FINDINGS
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ADON INFORMAT State Database: Radon Test R Zipcode 49420 494	TION IM Radon Results Test Date Implication Test Date Implicatio	RADON T Sign Result 1.6 1.5 1.5 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.5 1.4 1.4 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.1 1.1 1.1 1.1	AP FINDINGS	AREA RADON INFORM. 49420 494	ATION 11/14/1997 11/5/2005 11/18/2005 11/18/2005 11/18/2005 10/25/2006 4/20/1960 1/22/2007 1/22/2007 1/22/2008 3/22/2007 11/4/2002 4/16/2003 1/37/2008 1/37/2004 1/37/2008 1/37/2004 1/37/2008 1/37/2004 1/37/2008 1/37/2004 1/37/2008 1/37/2004 1/37/200 1/37/2004 1/37/2004 1/37/200 1/37/20	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.3	P FINDINGS
ADON INFORMAT State Database: Radon Test R Zlpcode 49420 494	TION MI Radon Results Test Date L1	RADON T Sign Result 1.6 1.5 1.5 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.5 1.5 1.6 1.5 1.7 1.4 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.1 1.1 1.1	AP FINDINGS	AREA RADON INFORM. 49420 494	ATION 11/14/1997 11/15/2005 11/18/2005 11/18/2005 11/18/2005 10/25/2006 12/25/2006 12/25/2007 12/25/2007 12/25/2008 3/22/2007 12/12/2008 12/3/2007 12/12/2008 12/3/200	RADON C 0.3 C 0.5 0.5 0.5 C 0.3	P FINDINGS
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ADON INFORMAT State Database: Radon Test R Zipcode 49420 494	TION IM Radon Results Test Date Test Date Test Date Test Date Test Date Test Date Test Date Test Dat	RADON T Sign Result 16 1.5 1.5 1.5 1.6 1.5 1.5 1.5 1.6 1.5 1.5 1.5 1.4 1.4 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	AP FINDINGS	AREA RADON INFORM. 49420 494	ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2005 11/15/2005 11/14/2007 12/25/2006 12/25/2006 12/25/2007 12/22/2008 12/22/208 12/22/208 12/22/208 12/22/208 12/22/208 12/22/208 12/22/208	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.3	P FINDINGS
RADON INFORMAT State Database: Radon Test R Zipcode 49420 49440 49440 49	TION MI Radon Results Test Date L1	RADON T Sign Result 16 15 15 16 15 14 15 1.4 1.5 1.4 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.1 1.1	AP FINDINGS	AREA RADON INFORM. 49420 494420 49420 49420 49420 49420 49420 49420 49	ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2006 11/15/2006 11/15/2006 11/12/2006 11/22/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2008 3/22/2007 11/14/2008 11/12/2008 11/12/2008 11/12/1996 11/17/1998 11/17/	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.3	P FINDINGS
Fradownin Format State Database: Radon Test R Zipcode 49420 <td>TION MI Radon Results Test Date L1 </td> <td>RADON T Sign Result 16 15 15 16 15 14 15 1.4 13 13 13 13 13 13 14 1.1 1.1 1.1 <td>AP FINDINGS</td><td>AREA RADON INFORM. 49420 494</td><td>ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2006 11/15/2006 10/15/2006 10/15/2006 10/15/2006 11/14/2008 11/22/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 11/14/2008 12/15/2008 11/12/1908 11/12/1906 11/15/2008 11/12/1906 11/15/2008 11/12/1996 11/17/1998 12/10/2005 11/15/2004 11/12/1998 12/25/1999 33/2/204 11/13/2008 11/13/</td><td>RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.4 0.5</td><td>P FINDINGS</td></td>	TION MI Radon Results Test Date L1	RADON T Sign Result 16 15 15 16 15 14 15 1.4 13 13 13 13 13 13 14 1.1 1.1 1.1 <td>AP FINDINGS</td> <td>AREA RADON INFORM. 49420 494</td> <td>ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2006 11/15/2006 10/15/2006 10/15/2006 10/15/2006 11/14/2008 11/22/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 11/14/2008 12/15/2008 11/12/1908 11/12/1906 11/15/2008 11/12/1906 11/15/2008 11/12/1996 11/17/1998 12/10/2005 11/15/2004 11/12/1998 12/25/1999 33/2/204 11/13/2008 11/13/</td> <td>RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.4 0.5</td> <td>P FINDINGS</td>	AP FINDINGS	AREA RADON INFORM. 49420 494	ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2006 11/15/2006 10/15/2006 10/15/2006 10/15/2006 11/14/2008 11/22/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 11/14/2008 12/15/2008 11/12/1908 11/12/1906 11/15/2008 11/12/1906 11/15/2008 11/12/1996 11/17/1998 12/10/2005 11/15/2004 11/12/1998 12/25/1999 33/2/204 11/13/2008 11/13/	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.4 0.5	P FINDINGS
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RADON INFORMAT State Database: Radon Test R Zipcode 49420 49440 49440 49	TION III Radon Results Test Date Test Date Test Dat	RADON T Sign Result 16 15 15 16 15 14 15 14 13 13 13 13 13 13 13 13 14 13 15 14 16 15 17 11 18 13 13 13 13 13 14 16 16 17 17 11 18 10 19 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 <td>AP FINDINGS</td> <td>AREA RADON INFORM 49420 4942</td> <td>ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2005 11/16/2005 10/125/2006 10/25/2006 10/25/2007 12/14/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2008 12/12/2008 12/</td> <td>RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.4 0.5</td> <td>P FINDINGS</td>	AP FINDINGS	AREA RADON INFORM 49420 4942	ATION 11/14/1997 11/15/2005 11/15/2005 11/15/2005 11/16/2005 10/125/2006 10/25/2006 10/25/2007 12/14/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2007 12/19/2008 12/12/2008 12/	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.4 0.5	P FINDINGS
AADON INFORMAT State Database: Radon Test R Zipcode 40420	TION XII Radon Results Test Date Test Date	RADON T Sign Result 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.6 1.5 1.4 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	AP FINDINGS	AREA RADON INFORM 49420 4942	ATION 11/14/1997 11/5/2005 11/18/2005 11/18/2005 11/18/2005 10/25/2006 4/20/1960 10/25/2007 12/4/2007 12/4/2008 3/23/2007 11/4/2008 3/23/2007 11/4/2008 12/3/2007 11/3/2008 11/2/2008 11/3/2008 11/2/2008 12/	RADON 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3	P FINDINGS
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GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS	PHYSICAL SETTING SOURCE RECORDS SEARCHED
RADON	TOPOGRAPHIC INFORMATION
EA RADON INFORMATION	USGS 7.5' Digital Elevation Model (DEM) Source: United States Geologic Survey
1/28/2002 0.5 49420 11/18/2002 0.6	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.
49420 4/20/2009 2.6 49420 2/1/2001 2.9 49420 11/6/1996 2.5	Current USGS 7.5 Minute Topographic Map
49420 6/1/2001 2.4 49420 1/17/2008 2.3	Source: U.S. Geological Survey
49420 2/2/2009 2.3 49420 5/2/4/2002 2.3 40420 5/2/4/2002 2.3	HYDROLOGIC INFORMATION
49420 2/6/2001 2.2 49420 1/2/8/2002 2.1 49420 11/1/2008 2.6	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
49420 6/13/2009 2.7 49420 2/17/2009 0.3	Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL. Source: FEMA
49420 2/21/2009 < 0.3 49420 2/23/2009 <	Telephone: 877-336-2627 Date of Government Version: 2003, 2015
49420 11/30/1993 < 0.3 49420 2/13/2001 3.6 49420 2/12/2000 < 0.3	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.
49420 2/3/2001 < 0.3 49420 3/5/2001 0.3	State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources
49420 3/5/2001 < 0.3 49420 11/2/1999 3.2 49420 2/9/2009 3.2	Telephone: 517-241-2254
49420 12/2/1996 3.1 49420 6/22/2009 < 0.3	HYDROGEOLOGIC INFORMATION
49420 1/23/2010 < 0.3 49420 1/20/2009 < 0.3 49420 1/24/2009 < 0.3	AQUIFLOW ^R Information System
49420 11/2/2002 6.2 49420 11/1/2002 2.1	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
49420 4/30/2004 2.1 49420 3/1/2006 2.1	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.
49420 2/19/2001 2.1 49420 11/4/1999 2.1 49420 3/31/2001 2.1	
49420 3/31/2001 2.1 49420 2/13/2009 2.0	GEOLOGIC INFORMATION Geologic Age and Rock Stratigraphic Unit
eral EPA Radon Zone for OCEANA County: 3	Geologic Age and Kock 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).
iote: Zone 1 indoor average level > 4 pCi/L. : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.	STATSGO: State Soil Geographic Database Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
: Zone 3 Indoor average level < 2 pCi/L. Reported	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 diugitates the
	original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.
TC8550291.2s Page A-57	TC6550291.2s
TC65550291.2s Page A-57	TC8550291.2s
TC6550291.2s Page A-57	TC6550291.2s
TC6550291.2s Page A-57 PHYSICAL SETTING SOURCE RECORDS SEARCHED	TC8550291.2s PHYSICAL SETTING SOURCE RECORDS SEARCHED
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PHYSICAL SETTING SOURCE RECORDS SEARCHED	PHYSICAL SETTING SOURCE RECORDS SEARCHED
PHYSICAL SETTING SOURCE RECORDS SEARCHED	PHYSICAL SETTING SOURCE RECORDS SEARCHED
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	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Rador Zones Source: EPA Telephone: 703-555-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.
PHYSICAL SETTING SOURCE RECORDS SEARCHED 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.	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Redor Zones Source: EPA Telephone: 703-556-020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels. OTHER
PHYSICAL SETTING SOURCE RECORDS SEARCHED LOCAL / REGIONAL WATER AGENCY RECORDS FDEGRAL WATER WELLS FPUS: Public Water Systems Source: EPA/Office of Diviking Water Telephone: 202564-3750 Public Water System data from the Federat 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. FWS ENF: Public Water Systems Volation and Enforcement Data Source: EPA/Office of Diviking Water Telephone: 202564-3750 For the System Section 2015 For System 2015 For System Section 2015 For System 2015 For	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Radon Zones Source: EPA Source: EPA Telephone: 703-356-4020 Sectors 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
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 ENIF: Public Water Systems Volation and Enforcement Data Source: EPA/Office of Drinking Water	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Radon Zones Source: EPA Source: EPA Telephone: 703-356-4020 Section: S078.309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels. OTHER Airport Landing Facilities:
PHYSICAL SETTING SOURCE RECORDS SEARCHED LICAL / REGIONAL WATER AGENCY RECORDS EXCLUSION OF THE ADDRESS	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Radon Zones Source: EPA 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 Availation Administration, 800-457-6656 Epicenters: World earthquake epicenters, Richter 5 or greater
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Description Description Survey FADD from the Foreground value of the second value of the seco	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Radon Zones Source: EPA Source: EPA Telephone: 703-356-4020 Telephone: 703-356-4020 Source: EPA Marcon Landing Facilities: Private and public use landing facilities Source: Eederal Aviation Administration, 800-457-656 Source: Federal Aviation Administration, 800-457-656 Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Coensin: and Atmospheric Administration Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quatemary faultlines, prepared in 1975 by the United State Geological Survey INTERT AND ADDRESS INFORMATION Pacitor Tom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection
PHYSICAL SETTING SOURCE RECORDS SEARCHED LOCAL / REGIONAL WATER AGENCY RECORDS EDERAL WATER WELLS PWS: Public Water Systems Source: EPA/Office of Diriking Water Telephone: 2025-684-3750 Public Water Systems Volation and Enforcement Data Beaze Za people for at least 05 days annually. Public Stroker Market from wells, rivers and other sources. PWS ENF: Public Water Systems Volation and Enforcement Data Brain E: EPA/Office of Diriking Water Telephone: 202-684-3750 Wolt and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1905. Their to August 1905. The tot August 1905, the data came from the Federal Reporting Data System (FRDS). UGS Water Well: USGS National Water Information on Wells, springs, and other sources of groundwater. UGS Water Well: USGS National Water Information on wells, springs, and other sources of groundwater. Starter ECORDS Water Well Data Source: Department of Environmental Quality.	PHYSICAL SETTING SOURCE RECORDS SEARCHED EPA Radon Zones Source: EPA 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 Auport Landing Facilities: Private and public use landing facilities Source: Department of Commerce, National Oceanic and Atmospheric Administration Source: Department of Commerce, National Oceanic and Atmospheric Administration Larthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quatemary faultlines, prepared in 1975 by the United State Geological Survey Street AND ADDRESS INFORMATION @ 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and and compared to Tele Atlas North America, Inc. The use of this material is subject
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Appendix D

State Governmental Records

Environmental Mapper



June 19, 2021

Michigan Deptartment of Transportation - Point

Notice of Approved Env. Remediation - Point

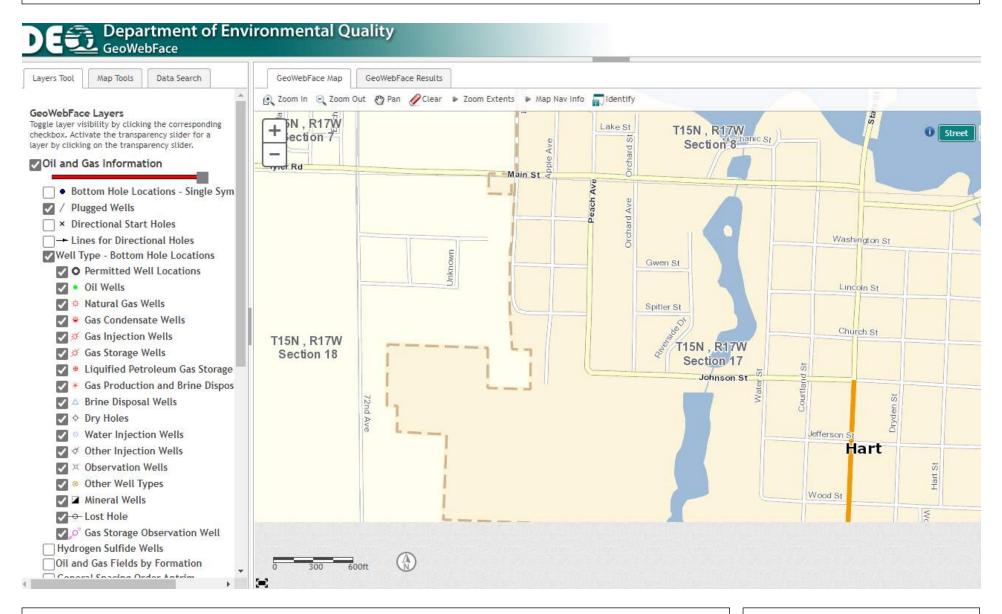
Ordinance - Point

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

Map by: State of Michigan - CSS copyright 2015

64000124 227 East Main Street, Hart, MI 49420 201 227 East Main Street, Hart, MI, 49420 Hart Oce 00040604 Eard Garage City Of Hart-Eard Garage 213 151 W MAIN ST, HART, MI, HART HART Oce	unty 🗘
64000124 MI 49420 Z01 MI, 49420 Hant Occ 00040604 Ford Garage 213 151 W MAIN ST, HART, MI, HART Occ	nty: eana
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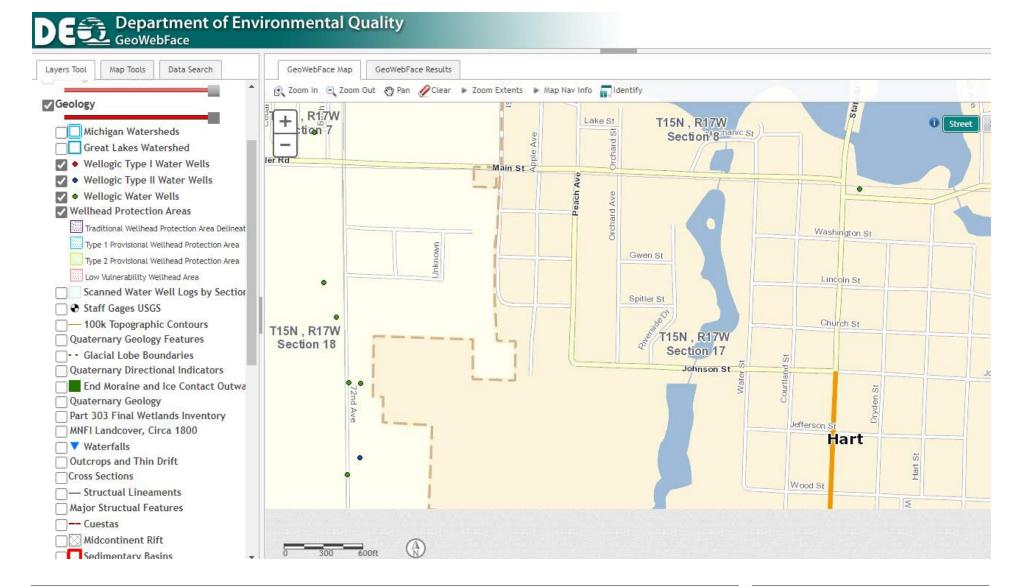
3 East Main Street - NW 1/4 of NE 1/4, Section 17, T15N, R17W, City of Hart, Oceana County



Obtained online on 06/19/2021 at http://www.deq.state.mi.us/GeoWebFace/

Oil & Gas Map – App. D

3 East Main Street – NW 1/4 of NE 1/4, Section 17, T15N, R17W, City of Hart, Oceana County



Obtained online on 06/19/2021 at http://www.deq.state.mi.us/GeoWebFace/#

Water Well Map – App. D

 Search Results - 35 Records Returned											
<u>Type</u>	Well ID	<u>County</u>	Well Address	<u>WSSN</u>	Source ID/ Well No.	Township	Section	<u>Well</u> Depth	Static Water Level	Date Constructed	Submitted By
ww	<u>64000001796</u>	Oceana				Hart	17	46.00	29.00	11/8/1983	Local Health Department
ww	<u>64000001797</u>	Oceana				Hart	17	50.00	30.00	10/4/1982	Local Health Department
ww	<u>64000001798</u>	Oceana				Hart	17	50.00	25.00	10/26/1981	Local Health Department
ww	<u>64000001799</u>	Oceana				Hart	17	50.00	20.00	11/5/1980	Local Health Department
ww	64000001800	Oceana				Hart	17	50.00	35.00	11/9/1979	Local Health Department
ww	<u>64000001801</u>	Oceana				Hart	17	50.00	32.00	12/12/1972	Local Health Department
ww	64000001802	Oceana				Hart	17	48.00	25.00	1/3/1973	Local Health Department
ww	<u>64000001803</u>	Oceana				Hart	17	86.00	30.00	11/12/1967	Local Health Department
ww	<u>64000001804</u>	Oceana				Hart	17	103.00	11.00	10/23/1969	Local Health Department
ww	<u>64000001805</u>	Oceana				Hart	17	86.00	42.00	5/14/1969	Local Health Department
ww	<u>64000001806</u>	Oceana				Hart	17	44.00	27.00	1/11/1973	Local Health Department
ww	<u>64000001807</u>	Oceana				Hart	17	47.00	32.00	1/5/1973	Local Health Department
WW	<u>64000001808</u>	Oceana	STATE ST.			Hart	17	122.00	0.00	8/14/1986	Local Health Department
ww	<u>64000001809</u>	Oceana	MELODY LANE			Hart	17	40.00	31.00	10/9/1984	Local Health Department
ww	<u>64000001810</u>	Oceana				Hart	17	94.00	49.00	4/10/1986	Local Health Department
ww	<u>64000001811</u>	Oceana				Hart	17	46.00	29.00	10/27/1987	Local Health Department
ww	<u>64000001812</u>	Oceana				Hart	17	50.00	26.00	4/13/1988	Local Health Department
ww	<u>64000001813</u>	Oceana				Hart	17	44.00	32.50	3/26/1987	Local Health Department
ww	<u>64000001814</u>	Oceana	3890 MEADOWBROOK LANE			Hart	17	95.00	40.00	3/9/1988	Local Health Department
ww	<u>64000001815</u>	Oceana	72ND AVE.			Hart	17	90.00	55.00	4/18/1991	Local Health Department
ww	<u>64000001817</u>	Oceana	3900 MEADOWBROOK LANE			Hart	17	93.00	46.00	12/30/1991	Local Health Department
ww	<u>64000001818</u>	Oceana	HART WELL #3 (South Valley)	3060	HART WELL #3 (South Valley)	Hart	17	95.00	999.99	1/1/1967	Local Health Department
WW	<u>64000001819</u>	Oceana	HART WELL #4 (North Valley)	3060	HART WELL #4 (North Valley)	Hart	17	95.00	14.00	1/1/1967	Local Health Department
ww	<u>64000002987</u>	Oceana	3889 MEADOWBROOK			Hart	17	52.00	32.00	9/25/1999	State of Michigan
WW	<u>64000003349</u>	Oceana	2916 N. 72nd Ave.			Hart	17	100.00		5/24/2000	State of Michigan
ww	<u>64000004176</u>	Oceana	3895 MEADOWBROOK LANE			Hart	17	84.00	41.00	10/16/2002	State of Michigan
ww	<u>64000004409</u>	Oceana	2834 N. 72ND STREET			Hart	17	107.00	16.00	7/1/2003	Contractor
WW	<u>64000004735</u>	Oceana	2852 N 72nd Avenue	2023064	001	Hart	17	91.00	24.00	4/14/1992	State of Michigan
WW	<u>64000005396</u>	Oceana	2670 72ND AVE			Hart	17	100.00	30.00	8/2/2005	State of Michigan
ww	<u>64000005438</u>	Oceana	3945 WEST MEADOW BROOK LANE			Hart	17	103.00	53.00	10/13/2005	State of Michigan
WW	<u>64000005670</u>	Oceana	3890 W MEADOWN BROOK			Hart	17	83.00	54.00	7/19/2006	State of Michigan
WW	<u>64000005929</u>	Oceana	2956 N 72ND AVE			Hart	17	45.00	19.00	5/9/2007	State of Michigan
WW	<u>64000006238</u>	Oceana	3880 MEADOWBROOK LN			Hart	17	101.00	65.00	7/10/2008	State of Michigan
ww	<u>64000006774</u>	Oceana	3910 Melody Lane			Hart	17	61.00	34.00	12/2/2011	Contractor
WW	<u>64000008186</u>	Oceana	3986 W. MELODY LN			Hart	17	103.00	20.00	10/6/2019	Contractor
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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

EDR Historical Topo	06/23/21	
Site Name:	Client Name:	
3 East Main - Hart	Westshore Engineering & Surv.	<i>a</i>
3 East Main Street	2534 Black Creek Road	
Hart, MI 49420	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. 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 Res	ults:	Coordinates:	Coordinates:			
P.O.#	04496-0001	Latitude:	43.702845 43° 42' 10" North			
Project:	3 East Main - Hart	Longitude:	-86.36521 -86° 21' 55" West			
-		UTM Zone:	Zone 16 North			
		UTM X Meters:	551147.09			
		UTM Y Meters:	4839065.12			
		Elevation:	654.47' above sea level			
Maps Provid	ded:					

EDR Inquiry # 6550291.4

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets



7.5-minute, 24000



Mears

7.5-minute, 24000

1983 Source Sheets





Mears

па

7.5-minute, 25000 Aerial Photo Revised 1977 7.5-minute, 25000 Aerial Photo Revised 1977

1959 Source Sheets



Hart

15-minute, 62500 Aerial Photo Revised 1955

1931 Source Sheets



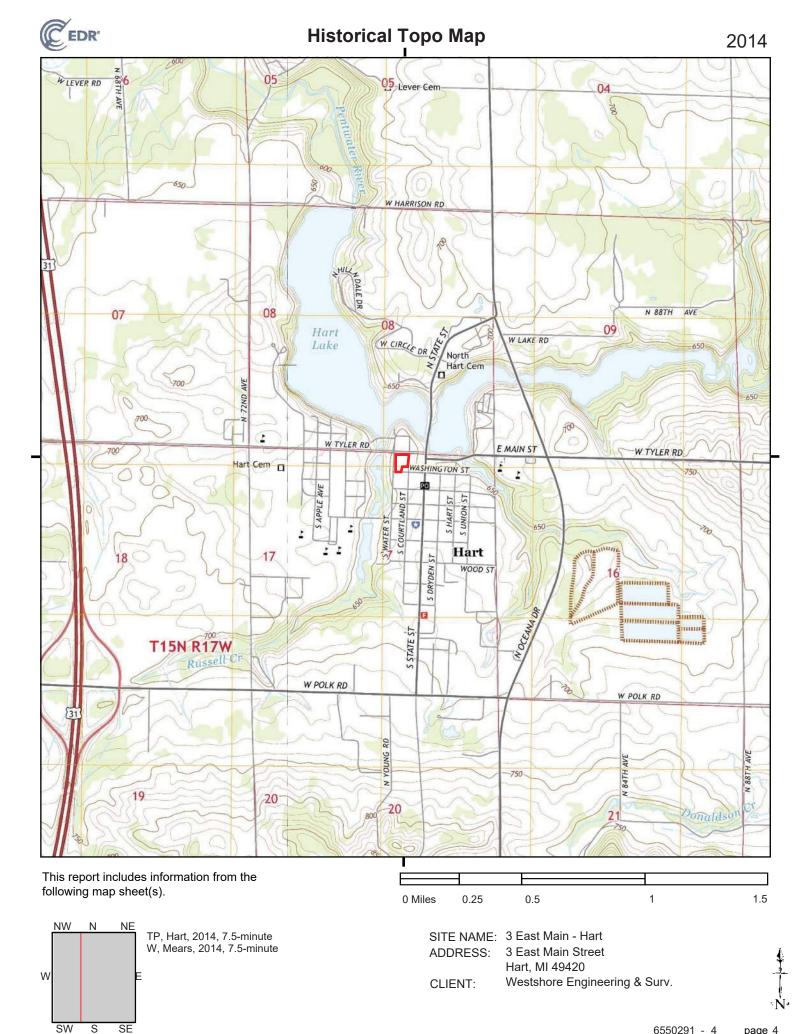
Hart NE

7.5-minute, 31680



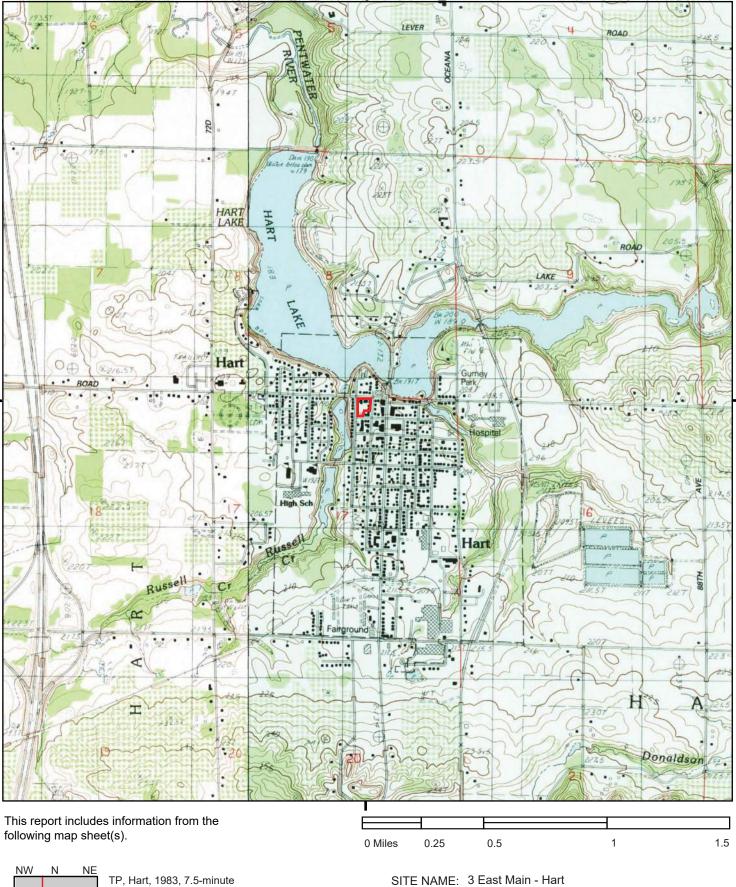
Hart NW

7.5-minute, 31680



6550291 - 4 page 4



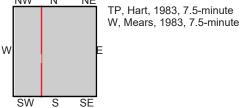


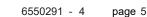
ADDRESS:

CLIENT:

3 East Main Street Hart, MI 49420

Westshore Engineering & Surv.







W

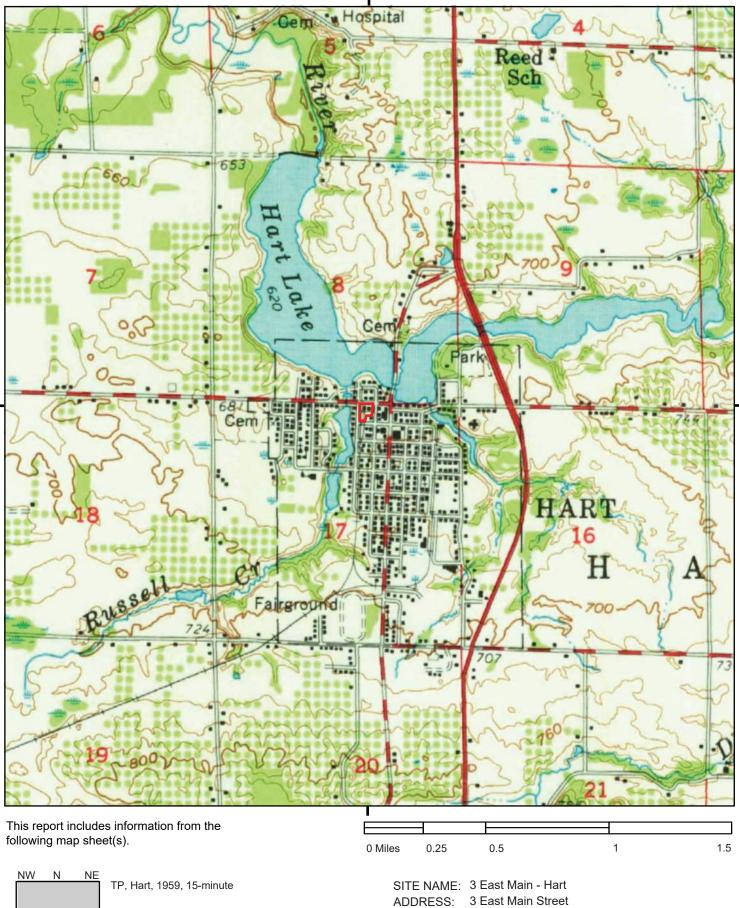
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Historical Topo Map



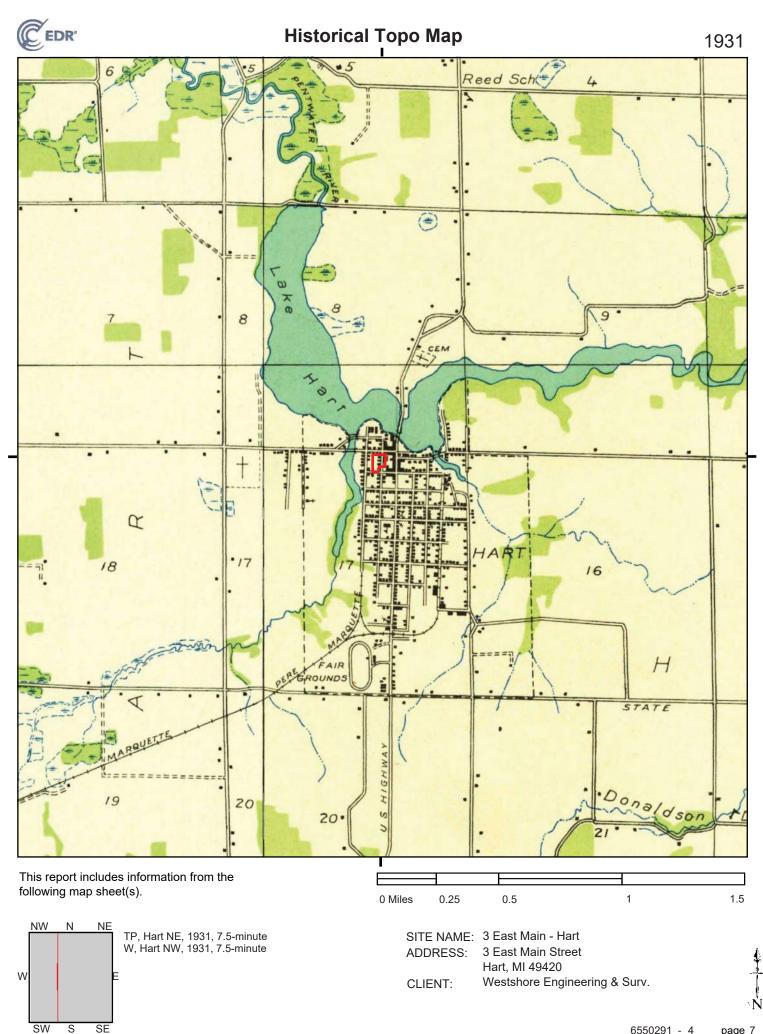


Hart, MI 49420

CLIENT:

Westshore Engineering & Surv.





6550291 - 4 page 7 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

Site Name:	Client Name:	
3 East Main - Hart	Westshore Engineering & Surv.	a
3 East Main Street	2534 Black Creek Road	
Hart, MI 49420	Muskegon, MI 49444	
EDR Inquiry # 6550291.3	Contact: Adam Mulling	

The Sanborn 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. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanbo	rn Results:	
Certification # PO #	CD12-4F8B-AE56 04496-0001	Sanborn
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: Image: Collection with the service of t
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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



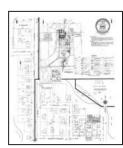
1946 Source Sheets



Volume 1, Sheet Keymap/Sheet/Volume 1, Sheet 2

1930 Source Sheets





Volume 1, Sheet 2

Volume 1, Sheet Keymap/Sheet1

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

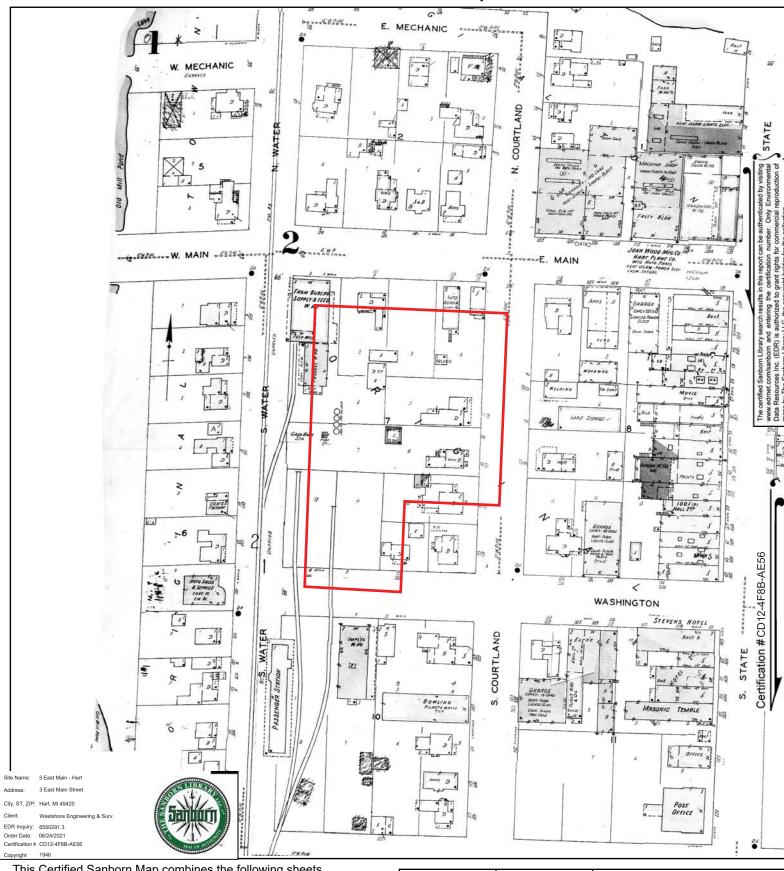
1894 Source Sheets



Volume 1, Sheet 1



Certified Sanborn® Map



0 Feet

150

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Address

Client:

Copyright



Volume 1, Sheet 2 Volume 1, Sheet Keymap/Sheet1



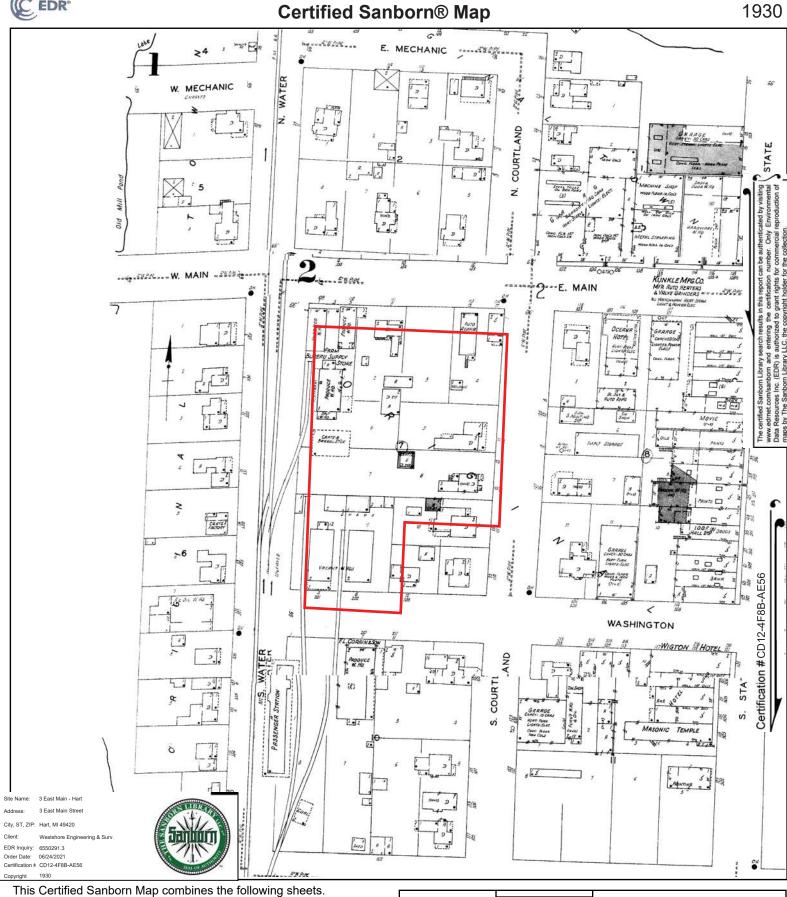
600

300

1946



Certified Sanborn® Map



0 Feet

150



Site Name:

Address

Client:

Copyright



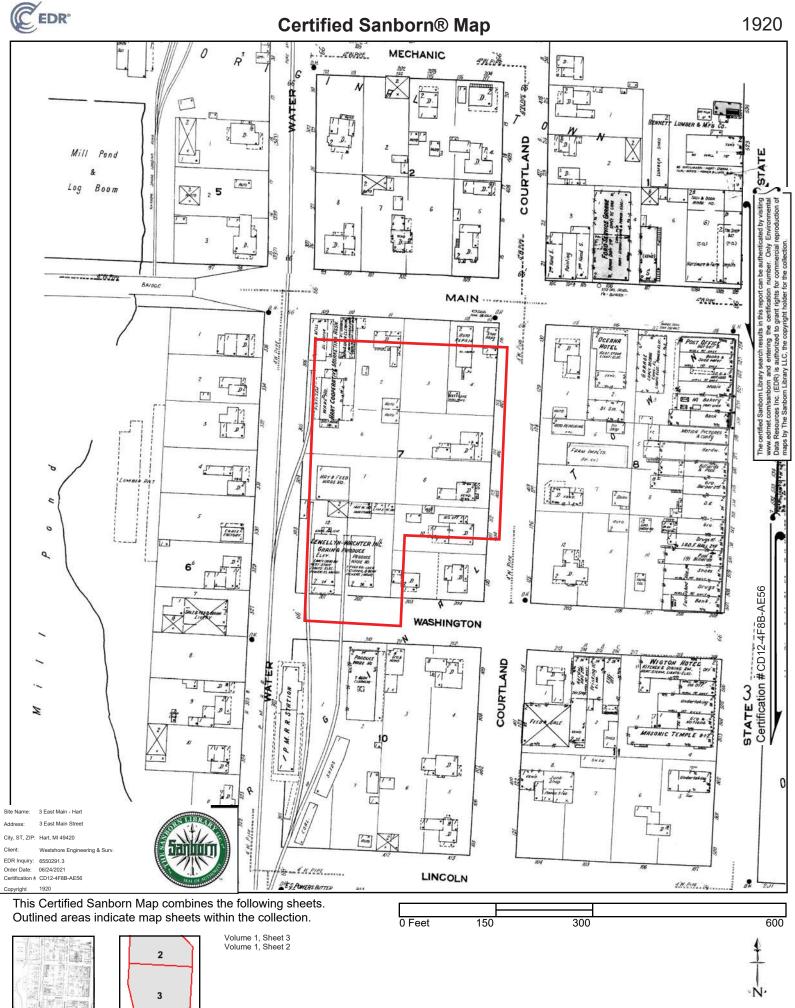
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet Keymap/Sheet1 Volume 1, Sheet 2



600

300

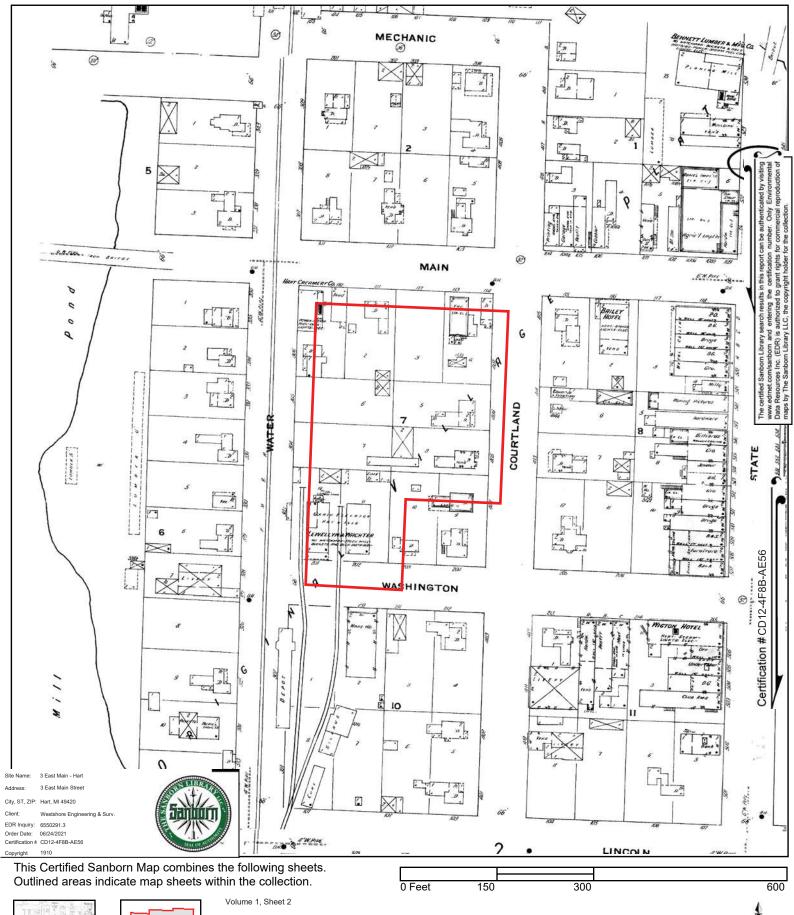


6550291 - 3 page 7



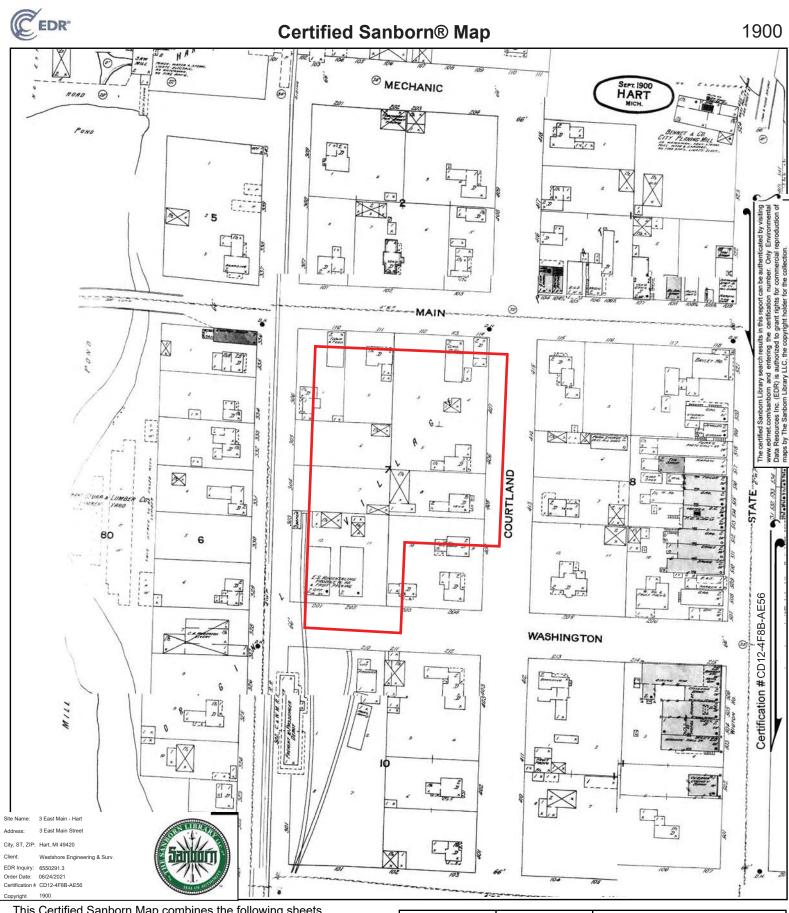
Certified Sanborn® Map

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This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

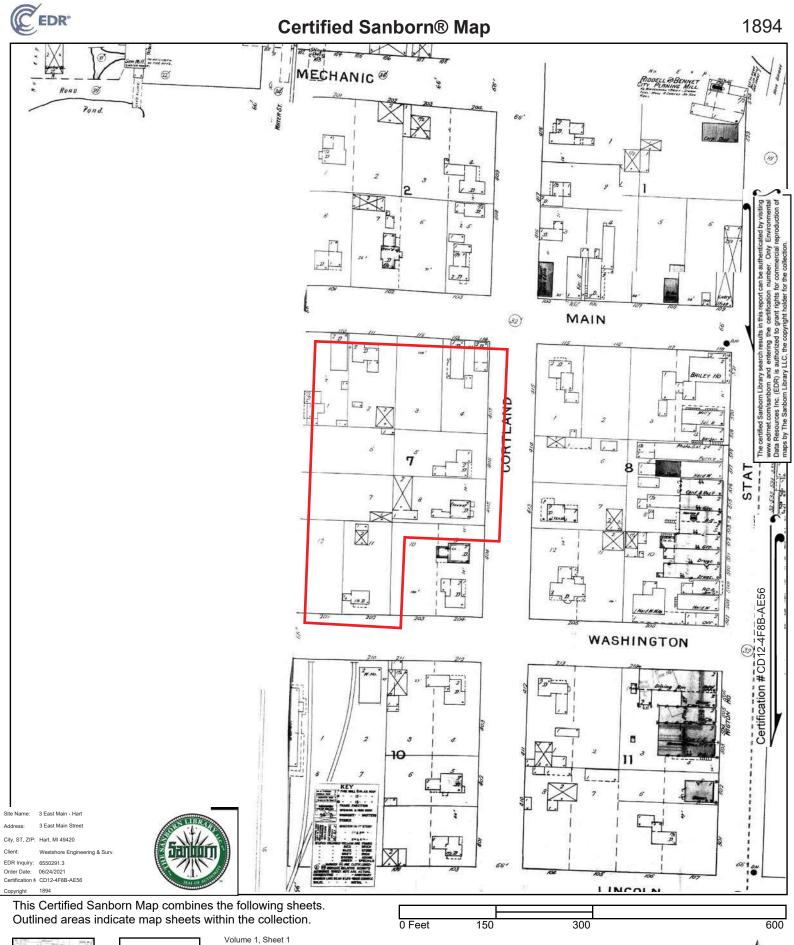
Volume 1, Sheet 2





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300



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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

Site Name:

Hart, MI 49420

Client Name:

3 East Main - Hart Westshore Engineering & Surv. 3 East Main Street 2534 Black Creek Road Muskegon, MI 49444 EDR Inquiry # 6550291.8 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:			
Year	Scale	Details	Source	
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	

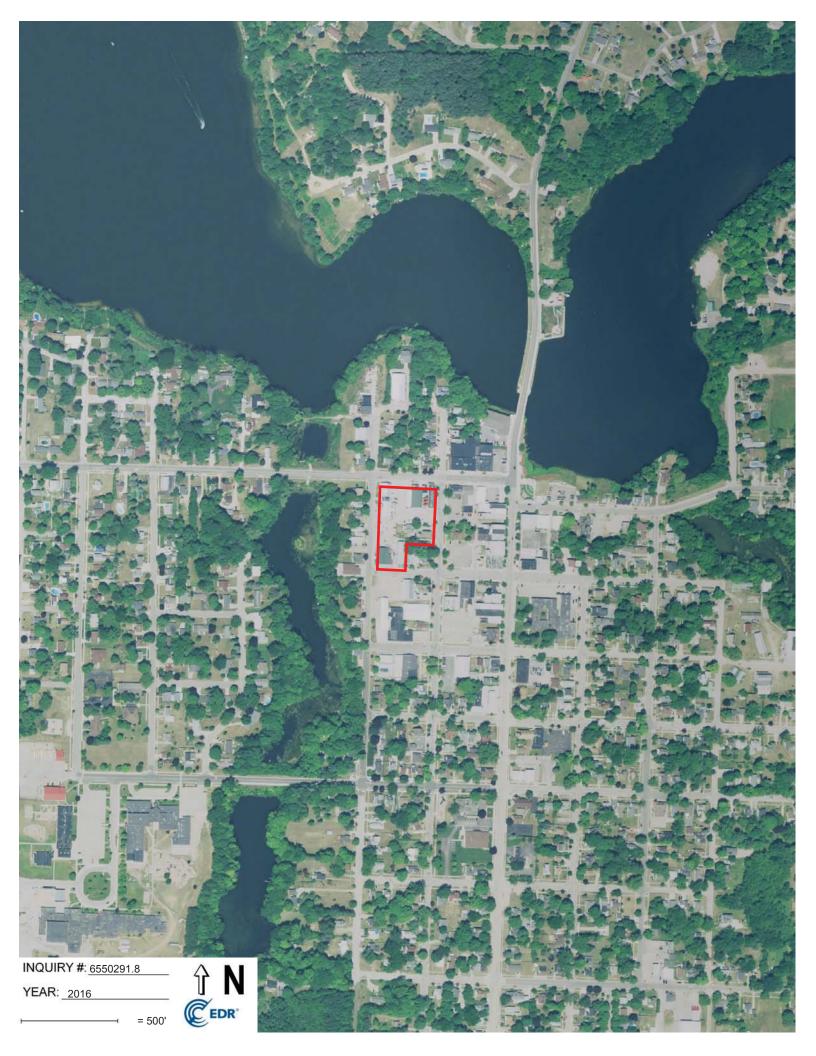
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

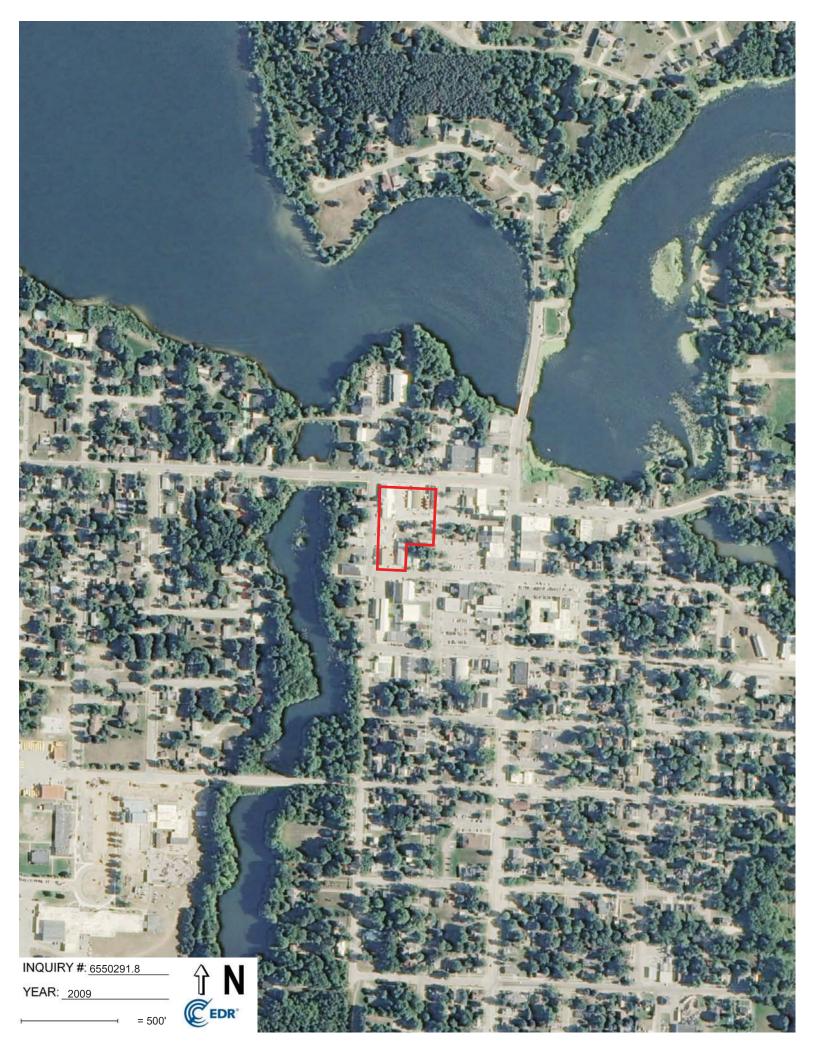
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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Appendix G

City Directory Image Report

Table OF CONTENTS SECTION Executive Summary Evecutive Summary Findings City Directory Images	Thank you for your business. Please contact EDR at 1-800-352-0050 with any questions or comments.	Disclaimer - Copyright and Trademark Notice This Report contains certain information obtained from a variety or public and other sources reasonably available to Environmental Diar Resources. Inc. It cannot be concluded from this Report that coverage information for the tradest aurounding properties does not exist from other sources. No WARRANTY EXPRESSED OR IMPLIED. IS MADE surrounding properties does not exist from other sources. No WARRANTY EXPRESSED OR IMPLIED. IS MADE WARNSOCKER IN CONDUCTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES. Inc. S PERCIPATILY DISCLAIMS THE MAXING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY DISCLAIMS THE MAXING OF ANY OTHER CAUSE. FOR ANY LOSS OR DAMAGE. IN YOU CHERT RESOURCES. INC. SPECIFICALLY ENVIRONMENTAL DATA RESOURCES, INC. BELE TO ANYONG, WHETHER ARISING OUT OF FRENO OMISSIONS. NEGLICIENCE, ARCIDENT OR ANY OTHER CAUSE. FOR ANY LOSS OR DAMAGE. MAY UNCOTE ENVIRONMENTAL DATA RESOURCES. INC. IS STRICTLY LIMITED TO A REFUND OF THE ANTHOUT LIMITATION, JATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE ANTHOUT LIMITATION, AND A RESOURCES. INC. IS STRICTLY LIMITED TO A REFUND OF THE ANTHOUT LIMITATION of the ANTHOUT AND
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. 6Amstrong Road Road Road 800.332.000 Road Road Road 800.332.000

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc. is (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.

Source	EDR Digital Archive						
Cross Street	Þ	D	Þ	Þ	Þ	Þ	Ŋ
Target Street	Ŋ	D	D	Ŋ	٦	Þ	۵
<u>Year</u>	2017	2014	2010	2005	2000	1995	1992

6550291-5 Page 1

FINDINGS

TARGET PROPERTY STREET

3 East Main Street Hart, MI 49420

<u>Year</u> <u>CD Image</u>

Source

E MAIN ST

| EDR Digital Archive |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| pg A2 | pg A6 | pg A11 | pg A16 | pg A21 | pg A25 | pg A29 |
| 2017 | 2014 | 2010 | 2005 | 2000 | 1995 | 1992 |

6550291-5

Page 2

											City Directory Images								
																			Page 3
FINDINGS		Source		EDR Digital Archive			EDR Digital Archive	6550291-5											
	ETS	<u>CD Image</u> Sou	D ST						pg. A31 EDF							pg. A24 EDF			
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Target Street Cross Street Source EDR Digital Archive 	E MAIN ST 2017 (Cont'd)	 OCEANA COUNTY MEDICAL CARE FACILITY CHENHAMI, INICIAS COCK, ANBER CONSTANCE COCK, ANBER COCK, ANDORD COCK,	6550291.5 Page: A3
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Target Street Cross Street Source	S COURTLAND ST 2017	 WOODRUFF, TIMA L HAMLTORU, LORREL UPPS, JUNKURD, TRAAL UPPS, JUNKURD, TRAAL UPPS, JUNKURD, STENAMIE Sacuras, Strans, Stenso Sacuras, Stenso Sacuras, Stenso Marcas, C. Marcas, Marcas, C. Marcas, Marcas, C. Marcas, Marcas, C. Marcas, C. Marcas, Marcas, C. Marcas, Marcas, C. Marcas, C. Mara,	6550291.5 Page: A4

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Target Street Cross Street Source -	S COURTLAND ST 2014	 HARFORD, RAY LENON, ROK KENON, ROK KENON, ROK KENON, ROK KENON, ROK KENON, CABRELLE MATWARD, LAWRENCE T 25 UPPS, LAWRENCE T 25 LUPPS, LAWRENCE T 20 LUPPS, LAWRENCE T 25 LUPPS, LAWRENCE T 20 LUPPS, LAWRENCE T 20	6550291.5 Page: A8

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Target Street Cross Street Source ✓ - EDR Digital Archive	E MAIN ST 2005	3 FARMERS PETROLEUM INC		10			200 GUNED TECHNOLOGIES & DESIGN			219 SIMON, JAMES S	227 WALKERS FINE DINING INC		308 PARSONS, FREDERICK A	WALKER, BARBARA A	310 HEGGS STUDIO			316 DANS DRYWALL	_	-	_			2/3 KING, REBECCA	`	-		513 SULLIVAN, CHARLES E					CAUCHIE WILLIAM	CHERRY BLOSSOM MANOR INC	FOWLER, BURTON	GILBERT. NORMA A	GREINER THERESA	HARRIS, THERESA		6550291.5 Page: A16	

Target Street Cross Street Source - - EDR Digital Archive S COLIRATI AND ST 2005	U	6550291.5 Page: A19
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<u>Source</u> EDR Digital Archive	1992																																										6550291.5 Page: A29
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<u>Source</u> EDR Digital Archive			6550291.5 Page: A32
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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
Standard ASTM Practice E1527? (Business	n the Phase I ESA report have any required scope of services beyond the Environmental Risks) Asbestos-Containing Building Materials rinking Water Wetlands Mold Endangered Species e 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	Sale Purchase Exchange Refinance Other (describe)
Do you have any knowl environmental conditior	edge or experience with the Subject Property that may be pertinent or any knowledge of its ? Yes

Land Title Records (or judicial records, if appropriate)

Is a recent Title Policy available for review? VNO 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? MO Property under federal, tribal, state or local law?

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? MO MYES (please describe)

Specialized Knowledge or Experience of the Person seeking to qualify for the LLP

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? NO VES (please describe business, chemicals, and processes used)

I was the former Location Manage and now the Mi.Safety & Risk Coordinator



Job #___

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 VYES (please list all known past uses)

Do you know of specific chemicals that are or once were present at the property? NO VYES (please describe)

I was the Location Manager

Do you know of spills or other chemical releases that have taken place at the property? \square NO \square YES (please describe)

I was the Location Manager

Do you know of any environmental cleanups that have taken place at the property? \bigvee NO \Box 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? VNO 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



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*** Information herein deemed reliable but not guaranteed***

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	City of Hart, County		2020	16,000		29,900		29,900S

*** Information herein deemed reliable but not guaranteed ***

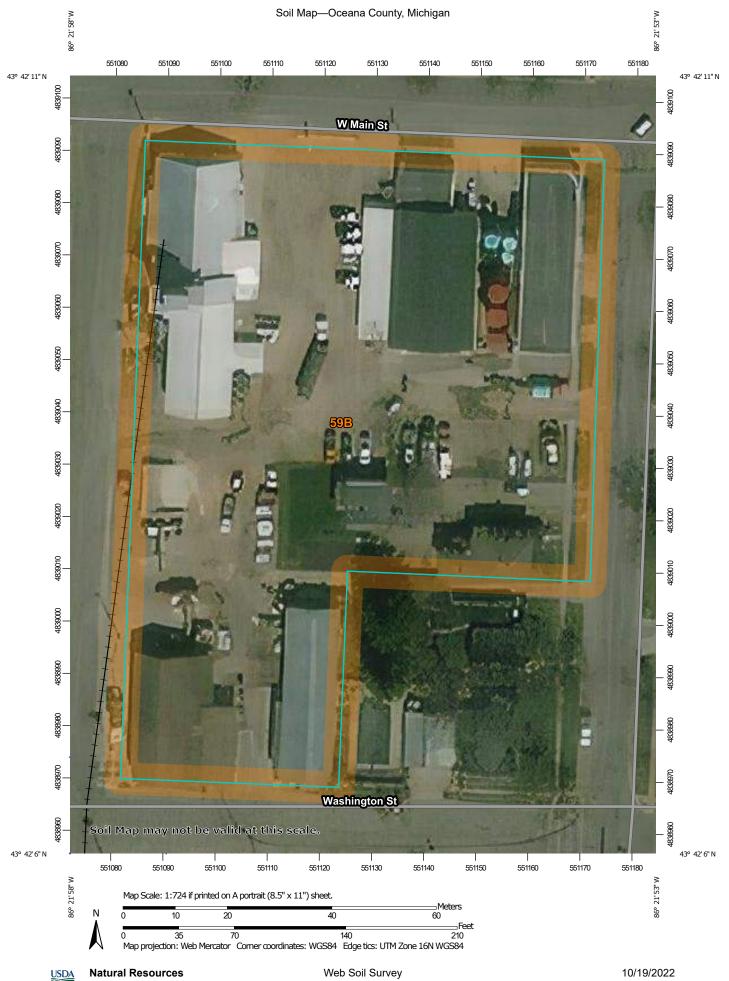
	Weiseren in t									
5	Grantee		Sale Price	Sale Date	Trst. Type	Terms of Sale	Liber & Page	Ø	Verified By	Prcnt. Trans.
CO-OP NO	NORTH CENTRAL COOF	COOPERATIVE	0	08/30/2017	MD CIW	21-NOT USED/OTHER	2017-	23-	AL PROPERTY S	STA 0.0
COOPERATIVE PRODU NO	NORTH CENTRAL LP LLP	.LP	0	1	CM	33-TO BE DETERMINED			PROPERTY TRANSFER	ER 0.0
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	<u>م</u>	-		INTALSTA TOOP						
		P.R.E. 0%								
Owner's Name/Address	M	MAPNUMBER:								
	J		2023 E	Est TCV Tentative	tive	4				
	1	Improved	X Vacant	Iand Value	ue Estimates	for Land Table	21.SPITLER #			
	<u> </u>	Public								
	!	Improvements	its	Descript:		oepth	Depth Rate		uo	Value 18 563
		Dirt Road	Ţ	FRONT/WALER 83 Actual		Feet, 0.36	Total Acres Tot	Est.	Land Value =	то, 203 18, 563
	0		7							
RD OF LOTS	4, EXC		10							
б. Е. 1/2 О. ^{г.} .	LOT 6, EAC W	Sidewalk								
Comments/Influences										
6/30/22 VW: INSPECTED, VACANT PARCEL	,	·····								
102.	×	Gas Gas								
	4	Street Li	yhts							
		Standard U	Utilities							
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	<u> </u>	Topography	/ of							
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		Wooded								
		Pond		1. J. (J. L. 1997)						
		Ravine	J							
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		Who When	What	t 2023	Tentative	Tentative	Tentative			Tentative
82233		VW 06/30/2022	22 INSPECTED	ED 2022	9,300	0	9, 300			8, 693C
c. Copyright (c)	1999 - 2009.	J / / ar		2021	9,300	0	9,300			8,416C

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 64-020-207-008-00	00 Jurisdiction:		HAKT.	5					
Grantee	0	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verifi BY	ied	Prent. Trans.
RODNEY PROPERTIES CERES	SOLUTIONS	F	01/07/2020	5C	33-TO BE DETERMINED	2020426-	426 PROPERTY	TY TRANSFER	R 0.0
STEVEN J* & CONNIE STEVE	STEVENS RODNEY PROPERTIES	76,500	05/11/2017	MD CM	03-ARM'S LENGTH	2017/9144			R 100.0
STEVEN J & CONNIE L BRUCE	BRUCE STEVEN J & CONNIE L	0	12/23/2011	WD	03-ARM'S LENGTH	2011-25345	5 PROPERTY		
WILLIAM S. & JANET BRUCE,	I, STEVEN J. & CONNIE	65,000	03/18/1992	ДM	03-ARM'S LENGTH	922409	PROPERTY	TY TRANSFER	R 0.0
Property Address	Class: RE	RESIDENTIAL-VACAN	Zoning:	Building	ding Permit(s)	Date	Number	Status	sn
COURTLAND ST	School: H	HART FUBLIC SCHOOL	DOL DISTRICT	Demoj	Demolition	11/21/2017	7 PBR170381	COM	COMPLETED
	P.R.F.	0%							
Owner's Name/Address	MAPNUMBER:								
SOLUTIONS		2023	Est TCV Tentative	tive					
720 W MAIN ST Fremont MT 49412	Improved	ed X Vacant	Land Value	le Estimates	for Land Table	21.SPITLER #1]
	Public Improvements	ements	Description		* Hact	* oth Rate %	Adj. Reason		Value 12 AES
Description	Dirt Road	oad Doad	FRONTAGE 66 Actual	西	.UU 1/8.UU 1.UUUU Feet, 0.27 Total 1	700 Total	LUU Est. Land Value	ne =	12,453 12,453
WD922409 QC-L2011P25345 CITY (DT 8 & E 1/2 OF LOT 7, EXC W 20	COF HART X PAVEL NOR 20 FT OF E Storm Sewe	r Noad Road Sewer							
	Sidewa	lk	Description		4	Rate	Size % 0	Good	Cash Value
fluences	×		Residential	ial Local	Cost Land Improvements				
6/30/22 VW: INSPECTED, VACANT] ATTACHED NEW PHOTO.	PARCEL - X Sewer X Electric	ic	Description CITY SEWE	<u>6</u>	CN	Rate 650.00 200.00	Size % 2 %	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cash Value 1,248
		T.i. abt s	CITY W	WATER TAFTIN TOU	al Estimated Land	Juprovements Tr	Val	6 1 1 0	3, 0 1, 82∉
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	Underg	tils							
	Topography Site	aphy of	·······						
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	Pond								
	Waterfront	ront	,						
	Wetland Wetland	ld Dlain	Year	Land	Building	Assessed		Tribunal/	Taxable
		*****		Value		Value	Review	Other	Value
	Who W	When What	2023	Tentative	Tentat	Tentative			Tentative
*	MV XX		D 2022	6,200		7,100			6, 703C
The Equalizer. Copyright (c) 1995	9 - 2009. JTP Of	03/14/2010 INSPECTED	D 2021	6,200	006	7,100			6,489C
CITY OF RAFL,				C C L	1000 1	2 100		11.45	5 1005

******* Information herein deemed reliable but not guaranteed ***

Appendix 5



Conservation Service

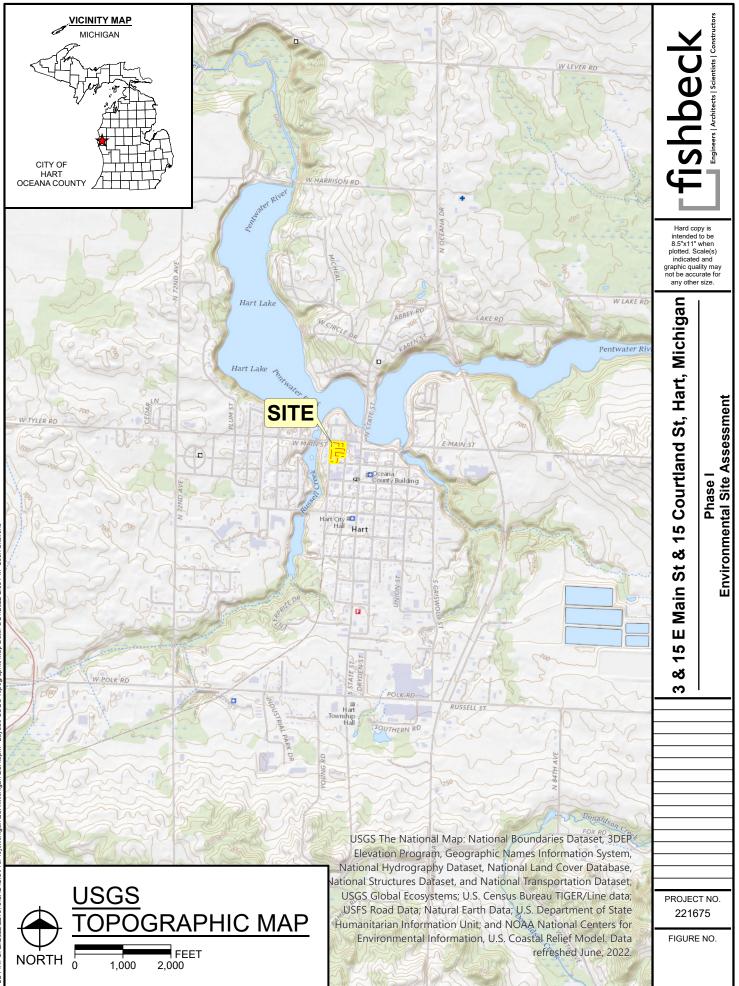
	MAP LEC	GEND		MAP INFORMATION
Area of Interest (AOI	1	00	Spoil Area	The soil surveys that comprise your AOI were mapped at
Area of Ir	terest (AOI)	۵	Stony Spot	1:15,800.
Soils		a	Very Stony Spot	Warning: Soil Map may not be valid at this scale.
	Unit Polygons	Ŷ	Wet Spot	Enlargement of maps beyond the scale of mapping can cause
	Unit Lines	۵	Other	misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of
Soil Map	Unit Points		Special Line Features	contrasting soils that could have been shown at a more detailed
Special Point Feat		Nater Fea		scale.
BlowoutBorrow P		~	Streams and Canals	Please rely on the bar scale on each map sheet for map measurements.
🖼 🛛 Clay Spo		Transport		Source of Map: Natural Resources Conservation Service
~	epression	••••	Rails	Web Soil Survey URL:
~		~	Interstate Highways	Coordinate System: Web Mercator (EPSG:3857)
679		~	US Routes	Maps from the Web Soil Survey are based on the Web Mercato projection, which preserves direction and shape but distorts
	эрог	\sim	Major Roads	distance and area. A projection that preserves area, such as th
		\approx	Local Roads	Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.
Lava Flov	E	Backgrou		This product is generated from the USDA-NRCS certified data
Arsh or		Mark -	Aerial Photography	of the version date(s) listed below.
Mine or C				Soil Survey Area: Oceana County, Michigan
9	eous Water			Survey Area Data: Version 17, Aug 29, 2022
O Perennia	Water			Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.
V Rock Out	crop			
🕂 🛛 Saline Sp	ot			Date(s) aerial images were photographed: Dec 31, 2009—No 4, 2016
Sandy Sp	oot			The orthophoto or other base map on which the soil lines were
Severely	Eroded Spot			compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor
Sinkhole				shifting of map unit boundaries may be evident.
Slide or S	lip			
💋 🛛 Sodic Sp	ot			



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%
Totals for Area of Interest		2.2	100.0%





PLOT INFO: Z:2022/221675/CAD/GISProProJMichigan ESAlkichigan ESAlaprx Layout USGS Topographic Map Date: 9/21/2022 2:08 PM User: ahaven

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

EDR Aerial Photo Decade Package

Site Name:

Client Name:

3 E Main StFishbeck, Thompson, Carr & Huber3 E Main St1515 Arboretum Drive SEHart, MI 49420Grand Rapids, MI 49546EDR Inquiry # 7142167.8Contact: Ariane Savoy



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>	Scale	Details	Source	
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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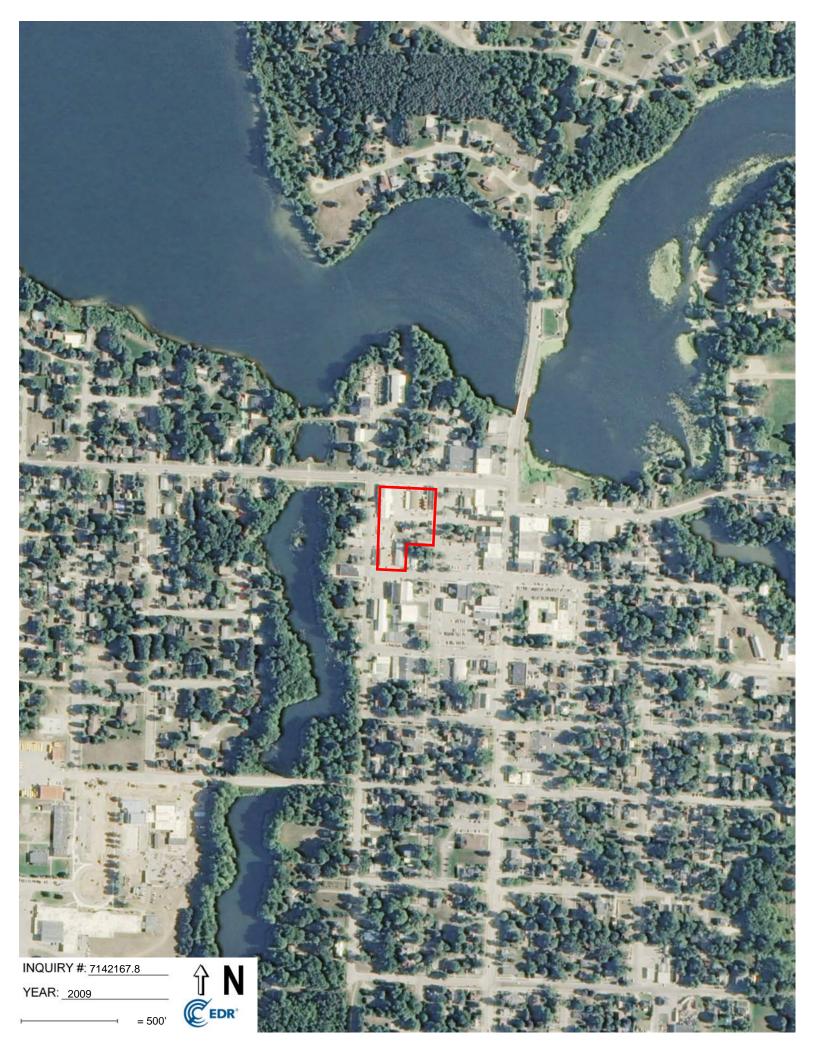
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3 E Main St 3 E Main St Hart, MI 49420

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

EDR Historical Top	oo Map Report	Report 10/07/22	
Site Name:	Client Name:		
3 E Main St	Fishbeck,Thompson,Carr & Huber	(ALDO	
3 E Main St	1515 Arboretum Drive SE	LEDR	
Hart, MI 49420	Grand Rapids, MI 49546		

Contact: Ariane Savoy

EDR Inquiry # 7142167.4

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 Res	ults:	Coordinates:	
P.O.#	NA	Latitude:	43.702508 43° 42' 9" North
Project:	221675	Longitude:	-86.365559 -86° 21' 56" West
-		UTM Zone:	Zone 16 North
		UTM X Meters:	551119.26
		UTM Y Meters:	4839027.47
		Elevation:	655.12' above sea level
Maps Provid	led:		
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

2019 7.5-minute, 24000

2017 Source Sheets





Hart 2017 7.5-minute, 24000

2017 7.5-minute, 24000

2014 Source Sheets



Hart 2014 7.5-minute, 24000



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

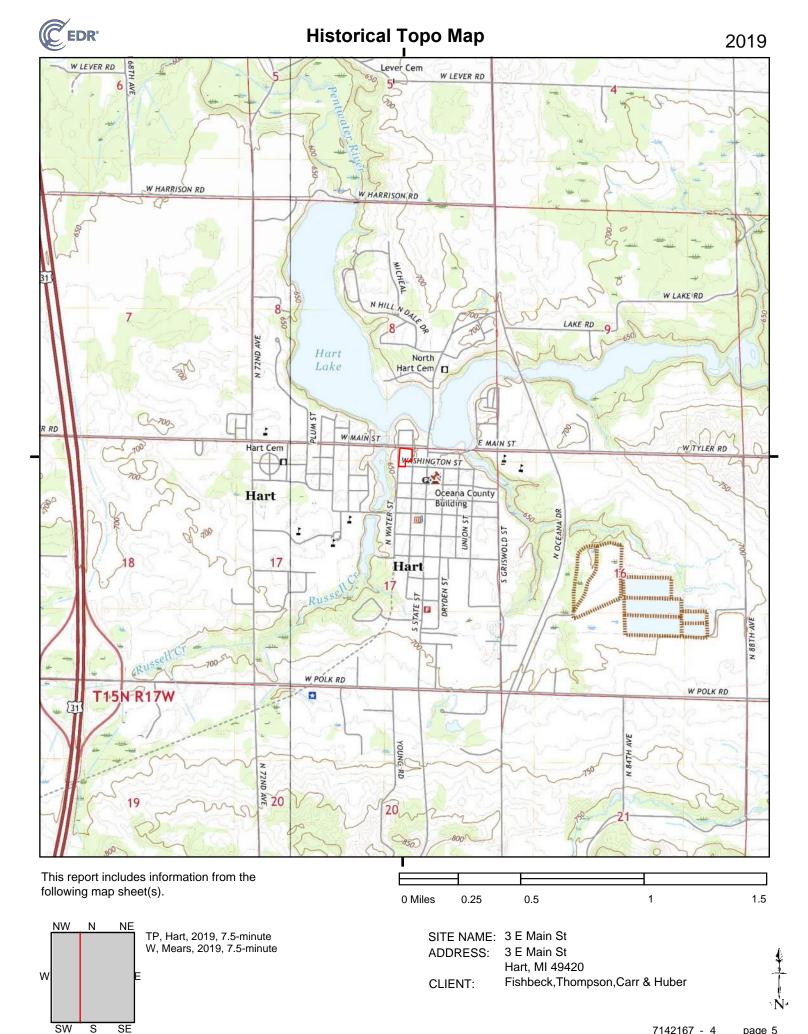
1931 Source Sheets

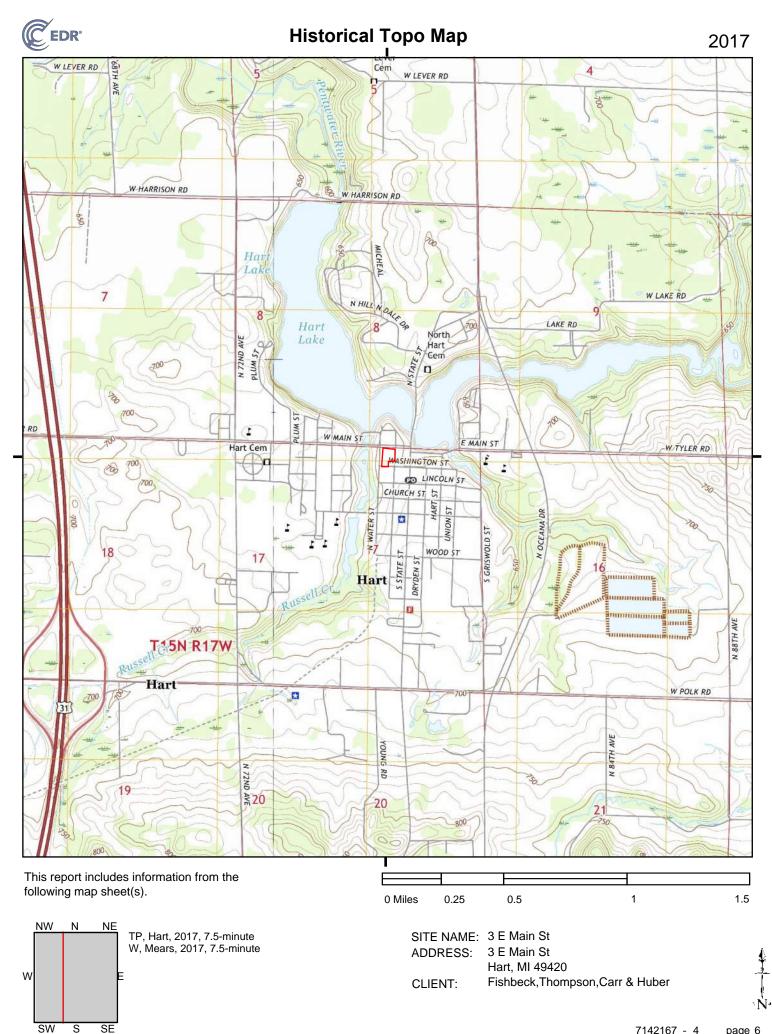


Hart NE 1931 7.5-minute, 31680

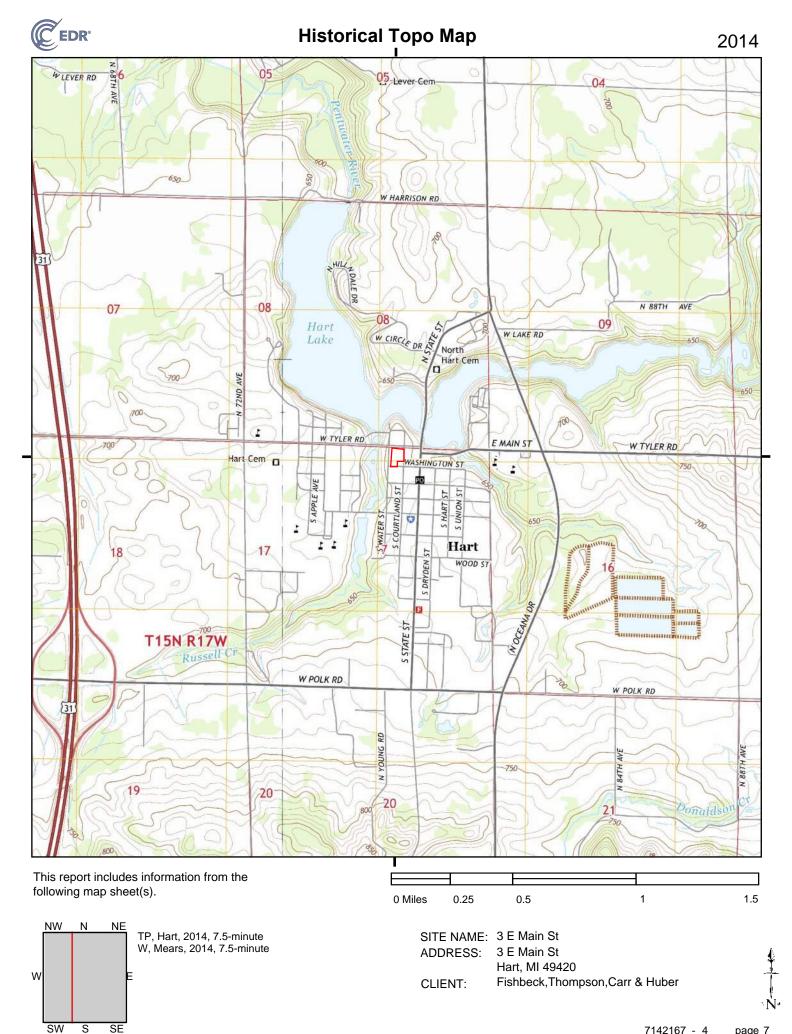


Hart NW 1931 7.5-minute, 31680

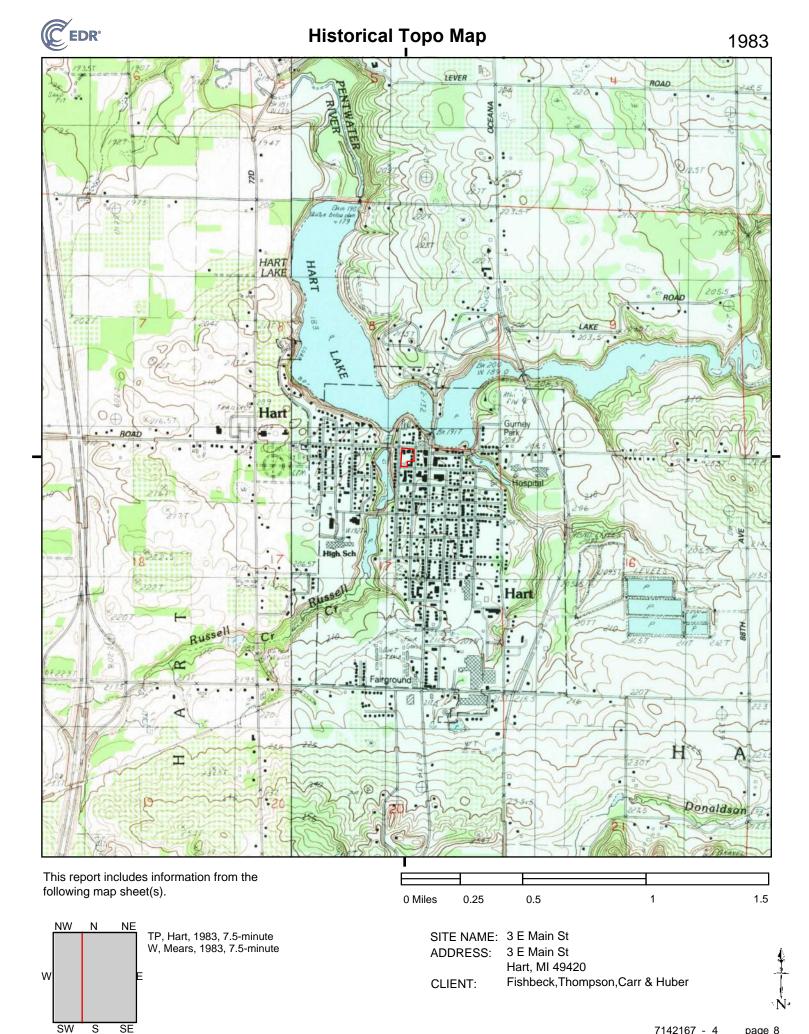




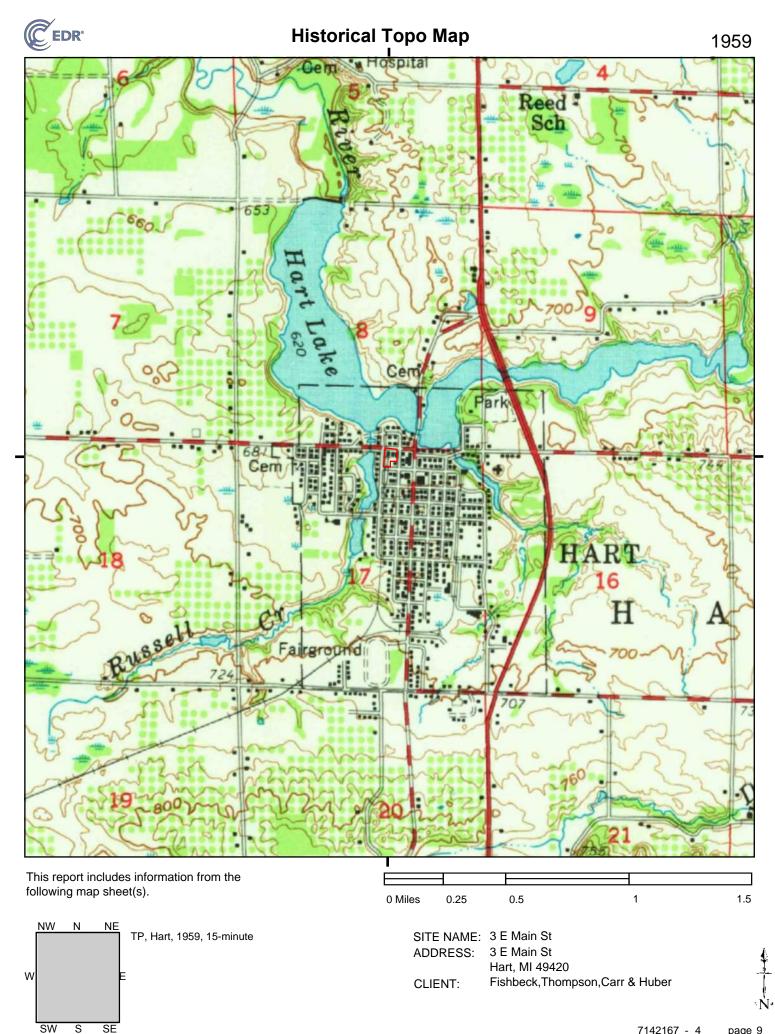
7142167 - 4 page 6



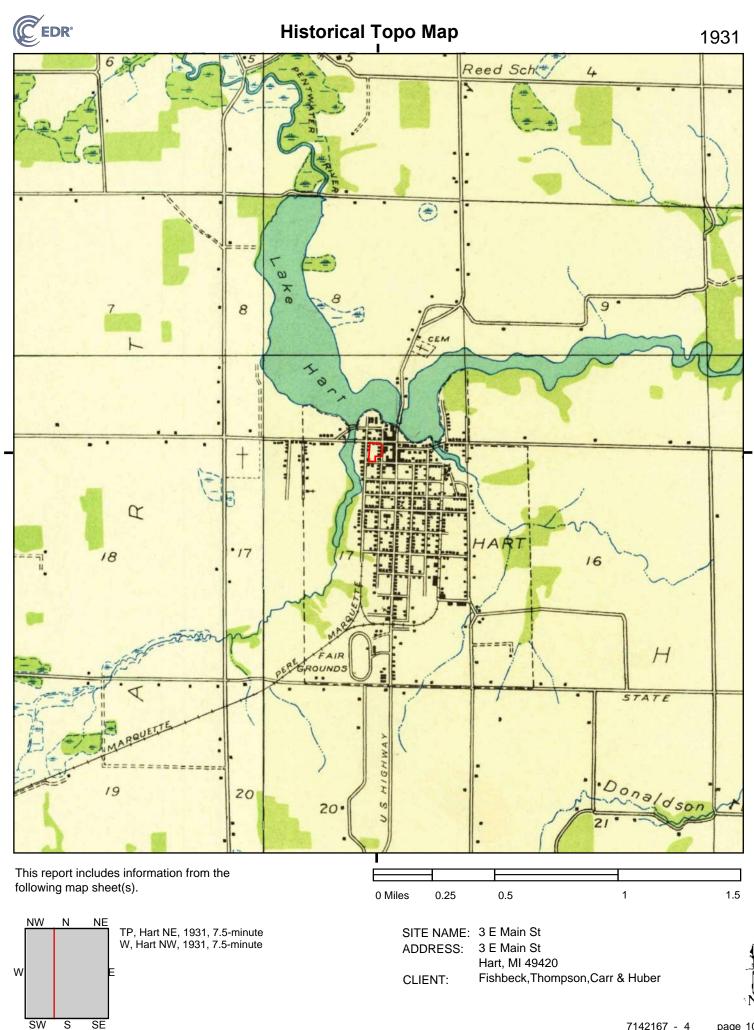
7142167 - 4 page 7



S



7142167 - 4 page 9



7142167 - 4 page 10 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 Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

Certified Sanborn® Map	Report	10/09/22
Site Name:	Client Name:	
3 E Main St	Fishbeck,Thompson,Carr & Huber	a
3 E Main St	1515 Arboretum Drive SE	
Hart, MI 49420	Grand Rapids, MI 49546	
EDR Inquiry # 7142167.3	Contact: Ariane Savoy	

The Sanborn 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. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanb	oorn Results:	
Certification #	# 97BA-4757-97EF	
PO #	NA	
Project	221675	
Maps Provide	d:	SEAL OF AUTOMATIN
1046		Sanborn® Library search results
1946		Certification #: 97BA-4757-97EF
1930		
1920		The Sanborn Library includes more than 1.2 million
		fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track
1910		historical property usage in approximately 12,000
1900		American cities and towns. Collections searched:
1894		
1893		Library of Congress
		University Publications of America
		EDR Private Collection
		The Sanborn Library LLC Since 1866™

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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 2 1946

1930 Source Sheets



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Volume 1, Sheet 2 1930

Volume 1, Sheet 2 1930

1920 Source Sheets



Volume 1, Sheet 3 1920

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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.

O.



1900 Source Sheets



Volume 1, Sheet 2 1900

1894 Source Sheets



Volume 1, Sheet 1 1894



1894

1893 Source Sheets



Volume 1, Sheet xxxx 1893



Volume 1, Sheet 2

1900

Volume 1, Sheet 1

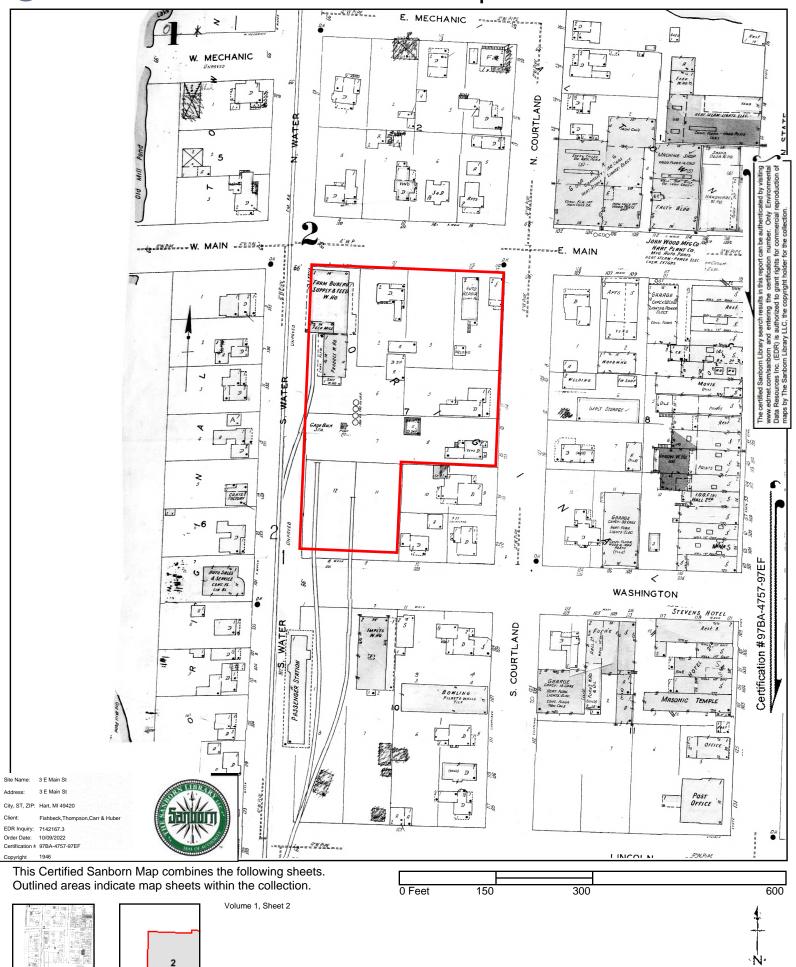


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Copyright

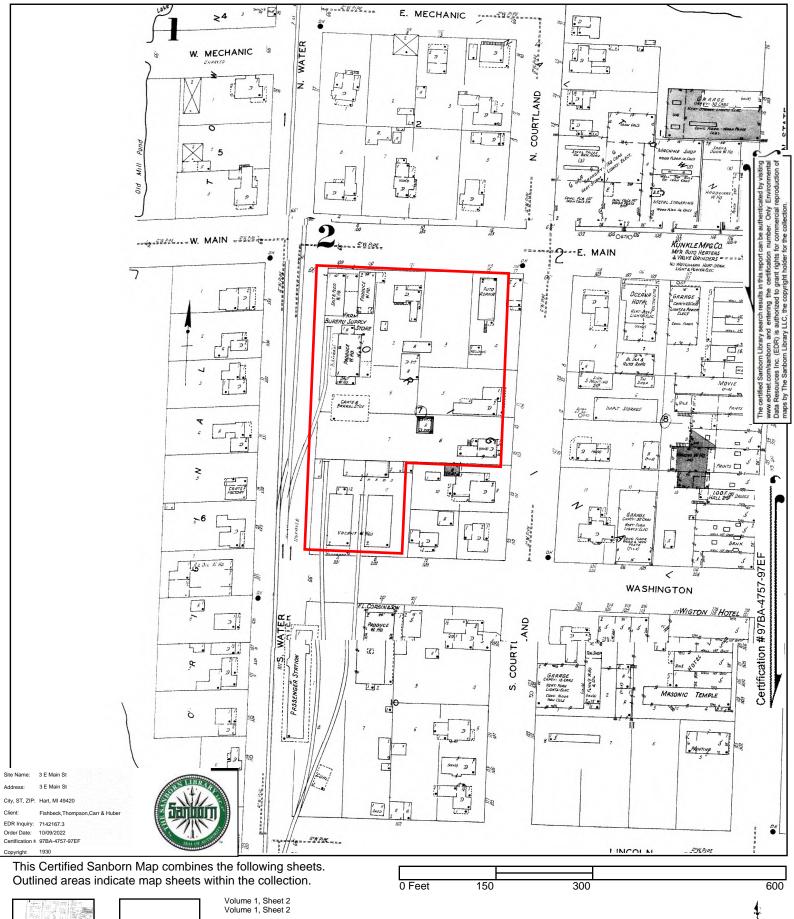
Certified Sanborn® Map





Certified Sanborn® Map







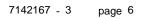
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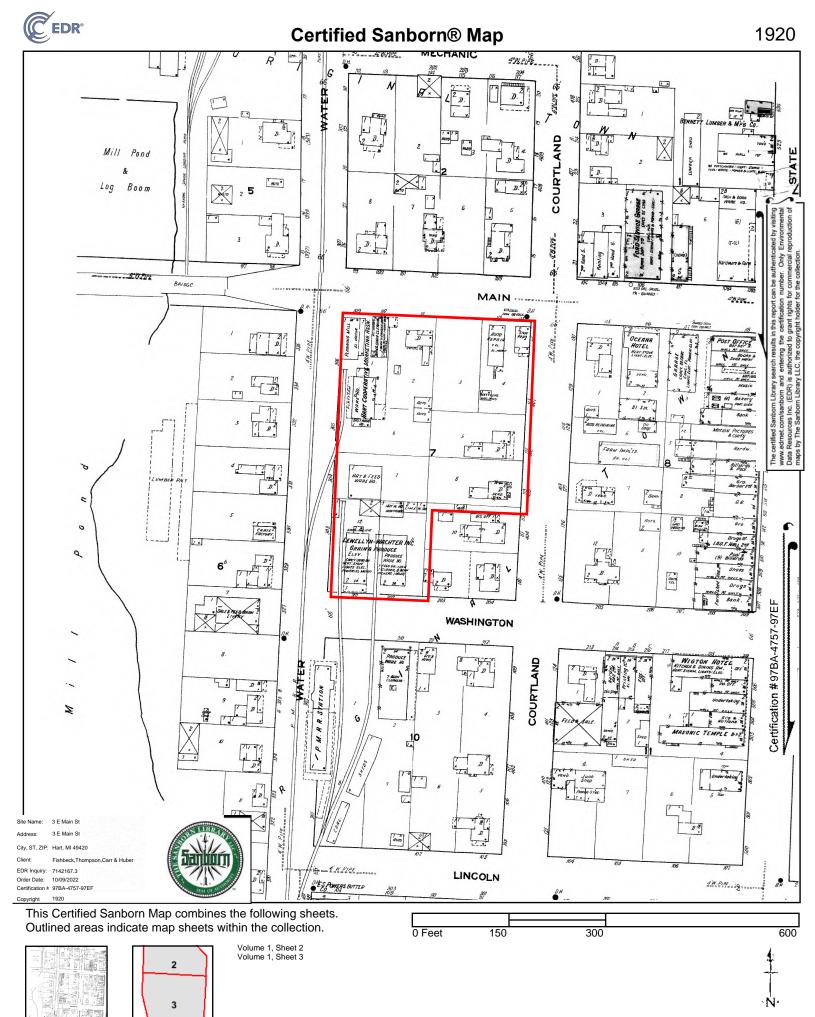
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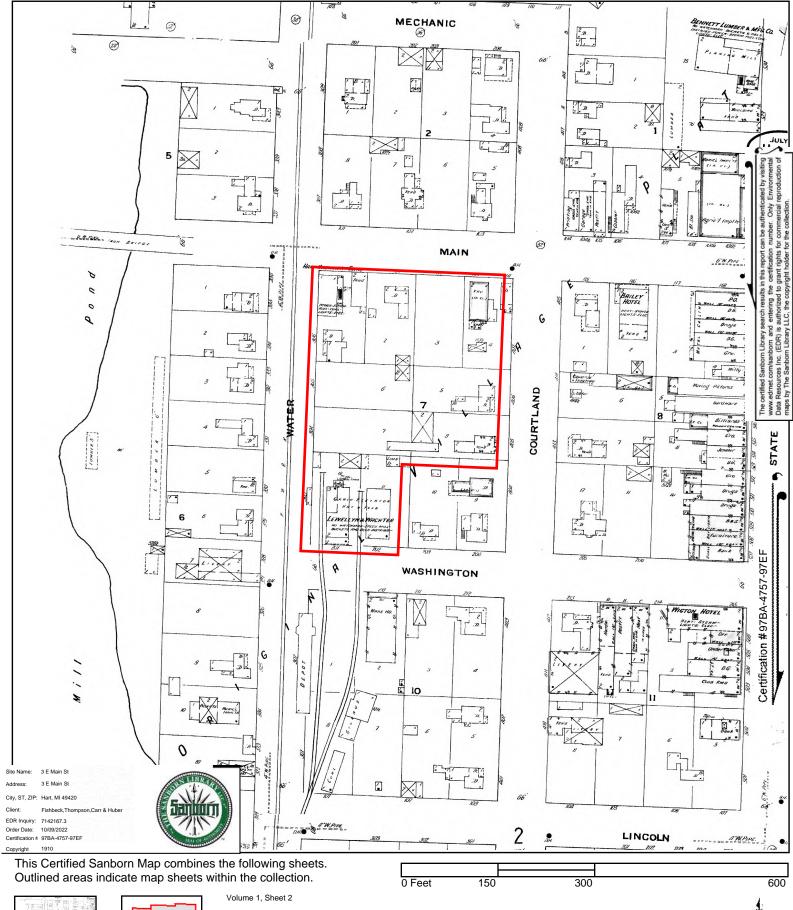






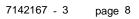


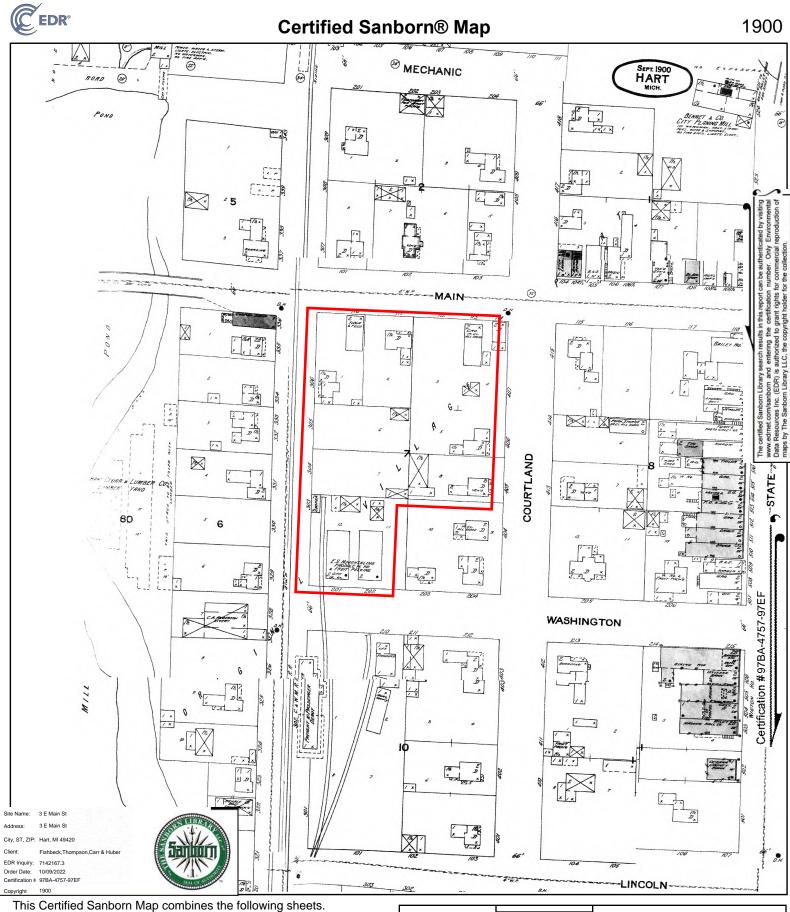
Certified Sanborn® Map











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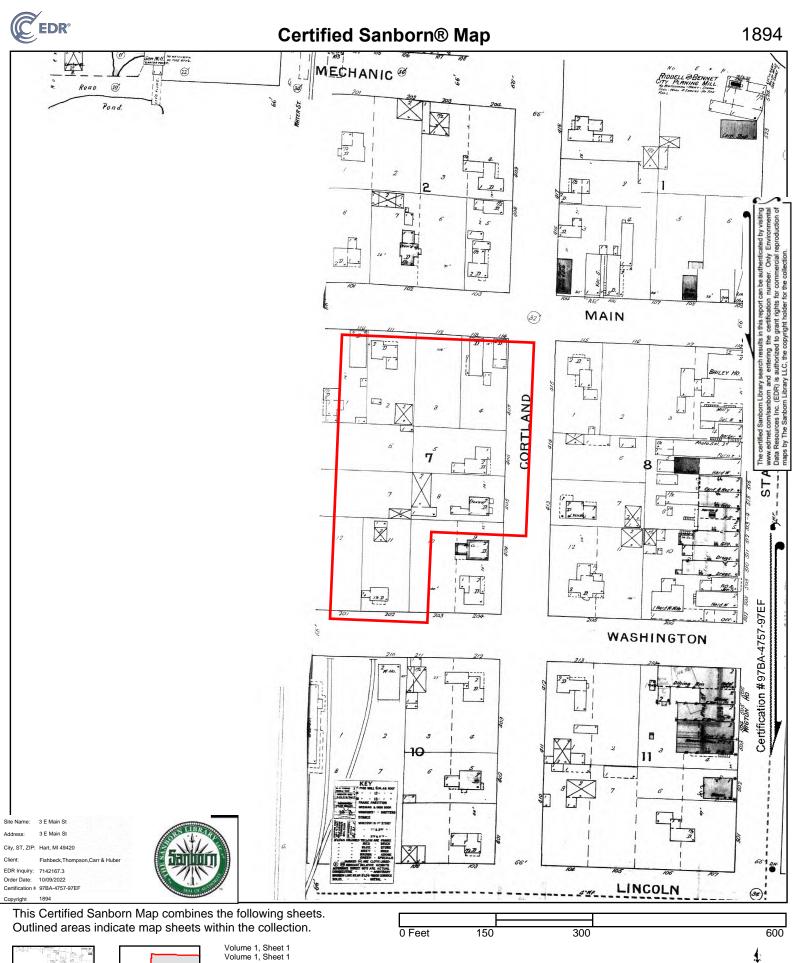
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300



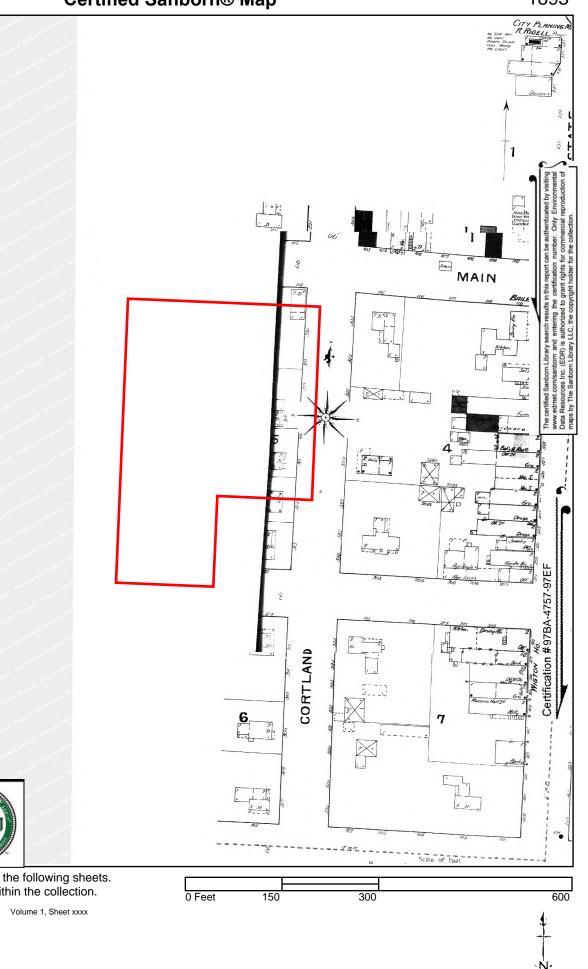
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 Site Name:
 3 E Main St

 Address:
 3 E Main St

 City, ST, ZIP:
 Hart, MI 49420

 Client:
 Fishbeck, Thompson, Carr & Huber

 EDR Inquiry:
 7142167.3

 Order Date:
 97BA-4757-97EF

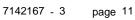
 Copyright
 1893



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3 E Main St 3 E Main St Hart, MI 49420

Inquiry Number: 7142167.5 October 12, 2022

The EDR-City Directory Image Report

6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

Environmental Data Resources Inc

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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 & Brad street. 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	$\overline{\mathbf{A}}$	\checkmark	EDR Digital Archive
2014	\checkmark	\checkmark	EDR Digital Archive
2010	\checkmark	\checkmark	EDR Digital Archive
2005	\checkmark	\checkmark	EDR Digital Archive
2000	\checkmark	\checkmark	EDR Digital Archive
1995	\checkmark	\checkmark	EDR Digital Archive
1992	\checkmark	\checkmark	EDR Digital Archive

FINDINGS

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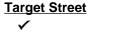
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2014	pg A6	EDR Digital Archive
2010	pg A10	EDR Digital Archive
2005	pg A13	EDR Digital Archive
2000	pg A17	EDR Digital Archive
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1992	pg A23	EDR Digital Archive

FINDINGS

CROSS STREETS

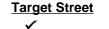
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2010	pg. A12	EDR Digital Archive	
2005	pg. A16	EDR Digital Archive	
2000	pg. A19	EDR Digital Archive	
1995	pg. A22	EDR Digital Archive	
1992	pg. A25	EDR Digital Archive	

City Directory Images



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	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
604	
621	OCEANA COUNTY COUNCIL ON AGING



(Cont'd)

E MAIN ST 2017 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

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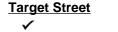
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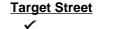
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16	PETERSON, THOMAS E
105	HART PIZZA
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	BROWN DOUGLAS S DC
	BROWN FAMILY CHIROPRACTIC PC
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222	HITCHCOCK, GERALD M
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315	COOK, CHRISTIAN P
316	SALAZAR, GERARD
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324	DEROSE, NANCY
326	STEVENS, LAWRENCE J
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505	GUERTIN, RICHARD
507	BAKER, STEVEN R
509	DENNISON, CARL M
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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
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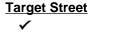
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- 701 OCEANA COUNTY MEDICAL CARE FACILITY
- 710 ARQUETTE, DEBORAH L
 - BATTICE, DUANE S BENHAM, LINDA J BRUBAKER, BRADLEY COOK, AMBER N DAVIS, KASEY ESTABROOK, CHERY L FATSEAS, THOMAS FORBES, NANCY A FORD, JACK GAWRONSKI, JOANN HART HOUSING CO HOEKWATER, AARON JAMES, BRIAN M **KEENA, CHARLENE** LAMEPIX, DONALD LEISTER, TINA R LOMBARD, ALLEN J MEAD, MARY L MILLER, GREGORY L
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	SANCHEZ, RAMIRO
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450	RUSSELL, DANIEL R
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513	HERNANDEZ, ROSA
520	BUOZIS, DAN J
520	CHILDS PLAY DAYCARE CTR
523 524	
	MCCULLEY, DARCI J
601 611	LAKESIDE COMPREHENSIVE REHAB ANDERSEN, ORVAL L
011	ATEN, BARBARA
	CHERRY BLOSSOM MANOR INC
	GERSTEN, DEBRA HART FAMILY MEDICAL ASSOC
	SJS INVESTORS CO
	SPENCER, JOHN
	TATE, WAYNE R
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	WEST, C
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621 627	
627	PEARSON, EVALINE E



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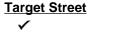
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	OVERLA, MARY	
	ROCKWELL, BARBARA	
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	VANDERLAAN, RHONDA K	
	VANDERZANDEN, JOHN W	

VANNETT, JAMES M VEGA, MELISSA L WILSON, VEL WOODLEY, DAWN

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	MUNOZ, LUIS
	PICKARD, CONNIE
	SANCHEZ, RAMIRO
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250	PERT, ALLAN S
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351	GORDON, PHILIP M
451	CHAPMAN, ROBERT M
461	GREINER, MARK K
	ORTEGA, STEVE



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3	FARMERS PETROLEUM INC
	HART COOP
4	TURNER, WILLIAM E
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17	
105	
107	ZEVERGREEN TRAILS SPORT SHOP
	TOTAL FITNESS
112	HEGGS FURNITURE INC
207	
209	GLOBAL TECHNOLOGIES & DESIGN
211	
213	B HART PIZZA
215	OCEANA GRAPHICS
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218	LAKEFRONT CAFE
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507	BAKER, STEVEN R
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611)
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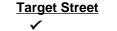
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2005

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	MANNOR, JOHN M
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	PONTIUS, JOHN E
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2005

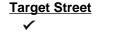
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2	ANDAVERDE, JOSE M BAXCAJAY, JUANA BAXTER, CARI BOSSE, PAULETTE S BRITT, RONALD E HILL, JAMES L NOLAZCO, YESSICA PIEDRA, TOMAS PRESLEY, HILDA
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	BLACKTOP, ANN
	CHERRY BLOSSOM MANOR INCORPORATED
	GILBERT NORMA A MD
	GOEHRING, JEROLD P
	HART FAMILY MEDICAL ASSOCIATES PC
	OCHS RUDY DO

Target Street	Cross Street
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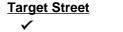
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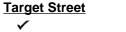
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	GRINWIS, THOMAS L
21	HART ANIMAL CLINIC
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22	MARSHALL S M DVM
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621	HART CENTER
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	OCEANA COUNCIL OF AGING INC



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1995

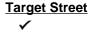
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	WIMPEE, B

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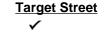
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126	OCCUPANT UNKNOWNN
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71025	THAYER, HUGH I
71033	POUST, GEORGE
71035	KURTZ, V M
71037	KIMMEL, DOROTHY L
71038	VANBROCKLIN, FAYE M
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71048	HATINGER, RUBY

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25	GALE, CARL
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104	HARDY, A
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3 E Main St Courtland Street Hart, MI 49420

Inquiry Number: 7153918.1 October 24, 2022

The EDR-City Directory Image Report

6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

Environmental Data Resources Inc

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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 & Brad street. 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	\checkmark		EDR Digital Archive
2014	\checkmark		EDR Digital Archive
2010	\checkmark		EDR Digital Archive
2005	\checkmark		EDR Digital Archive
2000	\checkmark		EDR Digital Archive
1995	\checkmark		EDR Digital Archive
1992	\checkmark		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

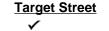
2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A10	EDR Digital Archive
1995	pg A12	EDR Digital Archive
1992	pg A14	EDR Digital Archive

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images



-

Source EDR Digital Archive

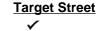
- 9 SNOOK, MICHELLE
- 12 PLAUNT, KATHLEEN L
- 13 THRAILKILL, MARK R
- 17 MCGHAN, JOHN M
- 21 LANGSTRAAT, DANIEL



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Source EDR Digital Archive

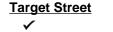
- 13 WOODRUFF, TINA L
- 15 HAMILTON, LORRIE L
- MAYNARD, TARA L
- 19 LIPPS, LAWRENCE T
- 25 LORENZ, MICHAEL R
- 103 SALINAS, JESUS C
- 104 BEAULEAU, STEPHANIE FATSEAS, TYLER M VARGAS, C
- 209 HARTER, KRISTIE
- 214 MCDANOLD, DOUGLAS B
- 215 COFER, ROBERTA
- 303 ALLAN, MARTIN D
- 305 LAURAIN, ROBIN UMSTEAD, G
- UMSTEAD, MARIELLA
- 311 WALKER, GRANVILL
- 312 IRVIN, BRIAN K
- 315 BROWN, ALEXANDER
- 316 MEAD, CRYSTAL



-

Source EDR Digital Archive

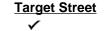
- 8 LEBLANC, JEAN E
- 9 DODGE, PAUL D
- 12 PLAUNT, KATHLEEN L
- 13 PIERCE, RUSSELL F
- THRAILKILL, JEFF
- 15 VERMELUEN, NICOLE
- 17 DENNERT, HENRY J
- 18 OCCUPANT UNKNOWN,
- 21 LANGSTRAART, AMANDA



-

Source EDR Digital Archive

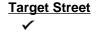
13	HARFORD, RAY
	LENON, RICK
	NEWTON, GABRIELLE
15	MAYNARD, TARA L
19	LIPPS, LAWRENCE T
25	LORENZ, MICHAEL R
103	AROCHO, VICTOR
	BEYER, CARL P
	MCCANN, JEFF
	SALINAS, JESUS C
104	FATSEAS, CAREY M
	FLORES, RICK
	ORTEGA, PABLO
	VARGAS, C
113	FULLER, KIM M
132	MONCADA, CANDELARIO
201	SILLMAN, AMANDA
214	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



-

Source EDR Digital Archive

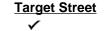
- 8 LEBLANC, JEAN E
- 9 HOOGHART, ANNIE
- 12 PLAUNT, KATHLEEN L
- 13 DOMIN, ANGELEENA F
- 15 MORALES, JAVIER
- VERMELUEN, NICOLE
- 17 DENNERT, HENRY J
- 18 GONZALEZ, JENNIFER K
- 21 MCGHAN, L



-

Source EDR Digital Archive

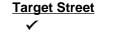
13	LENON, RICK
	NEWTON, GABRIELLE
15	CANTU, CHRISTINA
	LESEVRE, ERNEST
	MILLS, BRYAN A
19	LIPPS, LAWRENCE T
25	LORENZ, DAVID H
103	BEYER, CARL P
	BURNS, AMANDA
	MCCANN, JEFF
	SALINAS, JESUS
104	ESPRADA, F
	GONZALEZ, MARIA C
	ORTEGA, PABLO
	RAMIREZ, ZENAIDA
113	FULLER, KIM M
117	WOOD, TOM C
132	MONCADA, 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



-

Source EDR Digital Archive

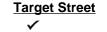
- 8 LEBLANC, JEAN E
- 9 HOOGHART, CHRISTINA J
- 12 PICKARD, KATHLEEN L
- 13 THRAILKILL, ALMA R
- 15 GUERRA, JOSE N
- 17 MCGHAN, JOE C
- 18 MORALES, ELIAS
- 19 LIPPS, LAWRENCE T



-

Source EDR Digital Archive

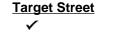
13	NEWTON, GABRIELLE
15	CANTU, CHRISTINA
	CHAPA, SANTIAGO J
	FIELD, CHRIS
	MOUNTS, CARLTON
	SANCHEZ, GUADALUPE
	SAVEEDRA, JOSE J
16	COURTLAND STREET GALLERY & GIFTS LLC
19	GRAND DANCE PRODUCTIONS LTD
	GRAND, D
25	LORENZ, DAVID H
103	BEYER, CARL
	CROTHERS, MONICA
	LENON, RICK A
104	ESPRADA, F
	FLORES, 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



-

Source EDR Digital Archive

- 8 LEBLANC, JEAN
- 12 PICKARD, K
- 17 DENNERT, HENRY
- 19 GOULD, LARRY



-

Source EDR Digital Archive

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



-

- 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



Source EDR Digital Archive

- 8 LEBLANC, JEAN E
- 13 ROUTLEY, CHARLES E
- 15 ROUTLEY, CHARLIE
- 16 COURTLAND HOUSE
- 19 ECHANDIA, ADELE
- 25 LORENZ, DAVID103 FULLER, MICHAEL
- 103 FULLER, MICHAEL 104 HOENSHELL, LAURA
- 104 HOENSHELL, LAURA107 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



-

Source EDR Digital Archive

- 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



-

Source EDR Digital Archive

- 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



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

FORM-LBC-JUS

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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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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 Tranverse 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

Target Property Address: 3 E MAIN ST HART, MI 49420

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID A1	SITE NAME FREMONT CO-OP PRODUC	ADDRESS 3 EAST MAIN STREET B	DATABASE ACRONYMS FTTS, HIST FTTS	ELEVATION	DIRECTION 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		ТР
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		ТР
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-VSQG, 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-VSQG, FINDS, ECHO	Higher	756, 0.143, SSE
G39	227 EAST MAIN STREET	227 EAST MAIN STREET	INVENTORY, BEA	Lower	769, 0.146, East

Target Property Address: 3 E MAIN ST HART, MI 49420

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
G40	GREINERS GARAGE	311 E MAIN ST	UST	Lower	917, 0.174, East
41	HART PUBLIC SCHOOLS	300 JOHNSON ST	LUST, UST	Higher	1328, 0.252, SE
H42	100 SOUTH UNION STRE	100 SOUTH UNION STRE	BEA	Higher	1390, 0.263, East
H43	100 SOUTH UNION STRE	100 SOUTH UNION STRE	INVENTORY	Higher	1390, 0.263, East
144	FARMERS PETROLEUM CO	504 S STATE ST	LUST, UST, BROWNFIELDS, INVENTORY, BEA	Higher	1602, 0.303, SSE
145	504 SOUTH STATE STRE	504 SOUTH STATE STRE	BEA	Higher	1602, 0.303, SSE
46	NORTH STATE STREET &	NORTH STATE STREET &	INVENTORY, BEA	Higher	1908, 0.361, North
J47	DAVES PARTY STORE	408 WOOD ST	LUST, BEA, Financial Assurance	Higher	2277, 0.431, SSE
J48	DAVES PARTY STORE	408 WOOD ST	INVENTORY	Higher	2277, 0.431, SSE
J49	STOKELY USA INC	409 WOOD ST	LUST, UST, NPDES, WDS	Higher	2307, 0.437, SSE
50	GRISWOLD STREET AT J	GRISWOLD STREET AT J	INVENTORY	Higher	2581, 0.489, ESE
51	HART PRISONER-OF-WAR		FUDS	Higher	4336, 0.821, SSW
52	OCEANA CO RD COMM HA	3501 WEST POLK ROAD	PART 201, INVENTORY	Higher	4862, 0.921, South

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/ HIST FTTS Database: HIST FTTS INSP, Date of Government Version: *	
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

HART COUNTRYMARK CO-3 EAST MAIN ST HART MI, MI 49240

COUNTRYMARK, INC 3 E MAIN ST HART, MI 49420

 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

 UST
 N/A

 Database: UST, Date of Government Version: 04/30/2022

 Tank Status: Removed from Ground

 Facility Type: CLOSED

CERES SOLUTIONS COOP 3 EAST MAIN STREET HART, MI 49420 FINDS Registry ID:: 110067631361 ECHO Registry ID: 110067631361

Facility Id: 00017953

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

Lists of Federal NPL (Superfund) sites

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
NPL 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

Lists of Federal RCRA generators

RCRA-LQG	RCRA - Large Qu	antity Generators
RCRA-SQG	RCRA - Small Qu	antity Generators

Federal institutional controls / engineering controls registries

LUCIS	Land Use Control Information System
	Engineering Controls Sites List
	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	
	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

	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
	Financial Assurance Information
EPA WATCH LIST	
	2020 Corrective Action Program List
	Toxic Substances Control Act
	Toxic Chemical Release Inventory System
ROD	
RMP	Risk Management Plans
	RCRA Administrative Action Tracking System
	Potentially Responsible Parties
	PCB Activity Database System
	Integrated Compliance Information System
MLIS	Material Licensing Tracking System
	Steam-Electric Plant Operation Data
	Coal Combustion Residues Surface Impoundments List
	PCB Transformer Registration Database
	Radiation Information Database
	Superfund (CERCLA) Consent Decrees
	Formerly Utilized Sites Remedial Action Program
UMTRA LEAD SMELTERS	Lood Smalter Sites
	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandonad Minoc
UXO	
	Hazardous Waste Compliance Docket Listing
	_ EPA Fuels Program Registered Listing
	Permit and Emissions Inventory Data
ASBESTOS	
DRYCLEANERS	
	Financial Assurance Information Listing
LEAD	
	List of Active NPDES Permits
UIC	Underground Injection Wells Database
WDS	
	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HART POWER PLT Site ID: 0503174	100 WATER ST	SSW 0 - 1/8 (0.008 mi.)	B13	31
EPA Id: MID980993000				

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HART BODY SHOP EPA ID:: MID985577451	101 WATER ST	SW 0 - 1/8 (0.015 mi.)	B15	34
BLARNEY CASTLE OIL C EPA ID:: MIK882613494	223 S STATE ST	SSE 1/8 - 1/4 (0.143 mi.)	F38	76

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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
HART EZ MART Release Status: Open Substance Release: Unknown Facility Id: 00008478	223 S STATE ST	SSE 1/8 - 1/4 (0.143 mi.)	F37	75
HART PUBLIC SCHOOLS Release Status: Closed Substance Release: Unknown Facility Id: 00035597	300 JOHNSON ST	SE 1/4 - 1/2 (0.252 mi.)	41	83
FARMERS PETROLEUM CO Release Status: Open Facility Id: 00004787	504 S STATE ST	SSE 1/4 - 1/2 (0.303 mi.)	144	86
DAVES PARTY STORE Release Status: Open Substance Release: Gasoline Facility Id: 00035885	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	J47	96
STOKELY USA INC Release Status: Closed	409 WOOD ST	SSE 1/4 - 1/2 (0.437 mi.)	J49	99

Facility Id: 00004355

Lower Elevation	Address	Direction / Distance	Map ID	Page
HART EZ MART Release Status: Closed Facility Id: 00003366	3 N STATE ST	ENE 0 - 1/8 (0.062 mi.)	D22	44
MERSKIN & MERSKIN PC Release Status: Closed Substance Release: Diesel,Gasoline Facility Id: 00001715	26 N STATE ST	ENE 0 - 1/8 (0.070 mi.)	D28	52
FORD GARAGE Release Status: Closed Substance Release: Gasoline Facility Id: 00040604	151 W MAIN ST	WNW 0 - 1/8 (0.084 mi.)	35	66

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIGHT OF WAY Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 50005385	108 S COURTLAND ST /ersion: 04/30/2022	SE 0 - 1/8 (0.041 mi.)	C16	38
COUNTY OF OCEANA Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00008330	100 S STATE ST /ersion: 04/30/2022	ESE 0 - 1/8 (0.082 mi.)	34	65
HART EZ MART Database: UST, Date of Government V Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00008478	223 S STATE ST /ersion: 04/30/2022	SSE 1/8 - 1/4 (0.143 mi.)	F36	69
Lower Elevation	Address	Direction / Distance	Map ID	Page
HART EZ MART Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00003366	3 N STATE ST /ersion: 04/30/2022	E 0 - 1/8 (0.045 mi.)	D18	40
STATE STREET ROW Database: UST, Date of Government	45 N STATE ST /ersion: 04/30/2022	ENE 0 - 1/8 (0.063 mi.)	D24	50

Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00042522				
MERSKIN & MERSKIN PC Database: UST, Date of Government Ver Tank Status: Closed in Ground Facility Type: CLOSED Facility Id: 00001715	26 N STATE ST sion: 04/30/2022	ENE 0 - 1/8 (0.070 mi.)	D28	52
FORD GARAGE Database: UST, Date of Government Ver Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00040604	151 W MAIN ST sion: 04/30/2022	WNW 0 - 1/8 (0.084 mi.)	35	66
GREINERS GARAGE Database: UST, Date of Government Ver Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00012024	311 E MAIN ST sion: 04/30/2022	E 1/8 - 1/4 (0.174 mi.)	G40	80

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

A review of the AST list, as provided by EDR, and dated 03/22/2022 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LARSONS SONS Facility Id: 92064054 Removed/Closed Date: 11/03/2014 Removed/Closed Date: 10/23/2006 Tank Status: Removed from Premises	4 LINCOLN ST	SSW 0 - 1/8 (0.069 mi.)	25	50
FARMERS PETROLEUM Facility Id: 92064003 Removed/Closed Date: 12/08/2003 Tank Status: Removed from Premises	17 E MAIN ST	E 0 - 1/8 (0.075 mi.)	D32	60

State and tribal institutional control / engineering control registries

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

A review of the AUL list, as provided by EDR, and dated 05/25/2022 has revealed that there is 1 AUL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERSKIN & MERSKIN PC Facility ID: 00001715	26 NORTH STATE STREE	ENE 0 - 1/8 (0.070 mi.)	D29	58

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FARMERS PETROLEUM CO	504 S STATE ST of Government Version: 12/07/2021	SSE 1/4 - 1/2 (0.303 mi.)	144	86
Facility Id: 00004787	or Government version. 12/07/2021			
Lower Elevation	Address	Direction / Distance	Map ID	Page
MERSKIN & MERSKIN PC	26 N STATE ST	ENE 0 - 1/8 (0.070 mi.)	D28	52
Database: BROWNFIELDS, Date	of Government Version: 12/07/2021			

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
101 SOUTH WATER STRE Facility ID: 64000111	101 SOUTH WATER STRE	SW 0 - 1/8 (0.015 mi.)	B14	33
HART EZ MART Facility ID: 8478	223 S STATE ST	SSE 1/8 - 1/4 (0.143 mi.)	F37	75
100 SOUTH UNION STRE Facility ID: 64000107	100 SOUTH UNION STRE	E 1/4 - 1/2 (0.263 mi.)	H43	86
FARMERS PETROLEUM CO	504 S STATE ST	SSE 1/4 - 1/2 (0.303 mi.)	144	86

Eacility ID: 4797

Facility ID: 4787				
NORTH STATE STREET & Facility ID: 41002282	NORTH STATE STREET &	N 1/4 - 1/2 (0.361 mi.)	46	93
DAVES PARTY STORE Facility ID: 35885	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	J48	99
GRISWOLD STREET AT J Facility ID: 64000109	GRISWOLD STREET AT J	ESE 1/4 - 1/2 (0.489 mi.)	50	103
Lower Elevation	Address	Direction / Distance	Map ID	Page
<i>HART EZ MART</i> Facility ID: 3366	3 N STATE ST	ENE 0 - 1/8 (0.062 mi.)	D22	44
MERSKIN & MERSKIN PC Facility ID: 1715	26 N STATE ST	ENE 0 - 1/8 (0.070 mi.)	D28	52
CITY OF HART Facility ID: 64000003	407 STATE ST	N 0 - 1/8 (0.071 mi.)	E31	59
227 EAST MAIN STREET	227 EAST MAIN STREET	E 1/8 - 1/4 (0.146 mi.)	G39	79

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCEANA CO RD COMM HA Facility Status: Interim Response o Facility ID: 64000005	3501 WEST POLK ROAD conducted	S 1/2 - 1 (0.921 mi.)	52	104
Lower Elevation	Address	Direction / Distance	Map ID	Page
HART HYDRO ELECTRIC Facility Status: Deleted - available Facility ID: 64000003	407 STATE ST. documentation does not support listing	N 0 - 1/8 (0.071 mi.)	E30	59

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

is 1 DEL PART 201 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HART HYDRO ELECTRIC	407 STATE ST.	N 0 - 1/8 (0.071 mi.)	E30	59
Facility Id: 64000003				

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HART TAX INCREMENT F EPA ID:: MIK147629455	3 N STATE ST	ENE 0 - 1/8 (0.062 mi.)	D23	47
FREMONT COOPERATIVE EPA ID:: MIK111735221	17 E MAIN ST	E 0 - 1/8 (0.075 mi.)	D33	60

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
101 SOUTH WATER STRE	101 SOUTH WATER STRE	SW 0 - 1/8 (0.015 mi.)	B14	33
100 SOUTH UNION STRE	100 SOUTH UNION STRE	E 1/4 - 1/2 (0.263 mi.)	H42	85
FARMERS PETROLEUM CO	504 S STATE ST	SSE 1/4 - 1/2 (0.303 mi.)	144	86
504 SOUTH STATE STRE	504 SOUTH STATE STRE	SSE 1/4 - 1/2 (0.303 mi.)	145	92
NORTH STATE STREET &	NORTH STATE STREET &	N 1/4 - 1/2 (0.361 mi.)	46	93
DAVES PARTY STORE	408 WOOD ST	SSE 1/4 - 1/2 (0.431 mi.)	J47	96
Lower Elevation	Address	Direction / Distance	Map ID	Page
3 N STATE STREET	3 N STATE STREET	ENE 0 - 1/8 (0.062 mi.)	D20	43

Lower Elevation	Address	Direction / Distance	Map ID	Page
HART EZ MART	3 N STATE ST	ENE 0 - 1/8 (0.062 mi.)	D22	44
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
MERSKIN & MERSKIN PC 227 EAST MAIN STREET	26 N STATE ST 227 EAST MAIN STREET	ENE 0 - 1/8 (0.070 mi.) E 1/8 - 1/4 (0.146 mi.)	D28 G39	52 79

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.

Equal/Higher Elevation	Address	Direction / Distance		Page
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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
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

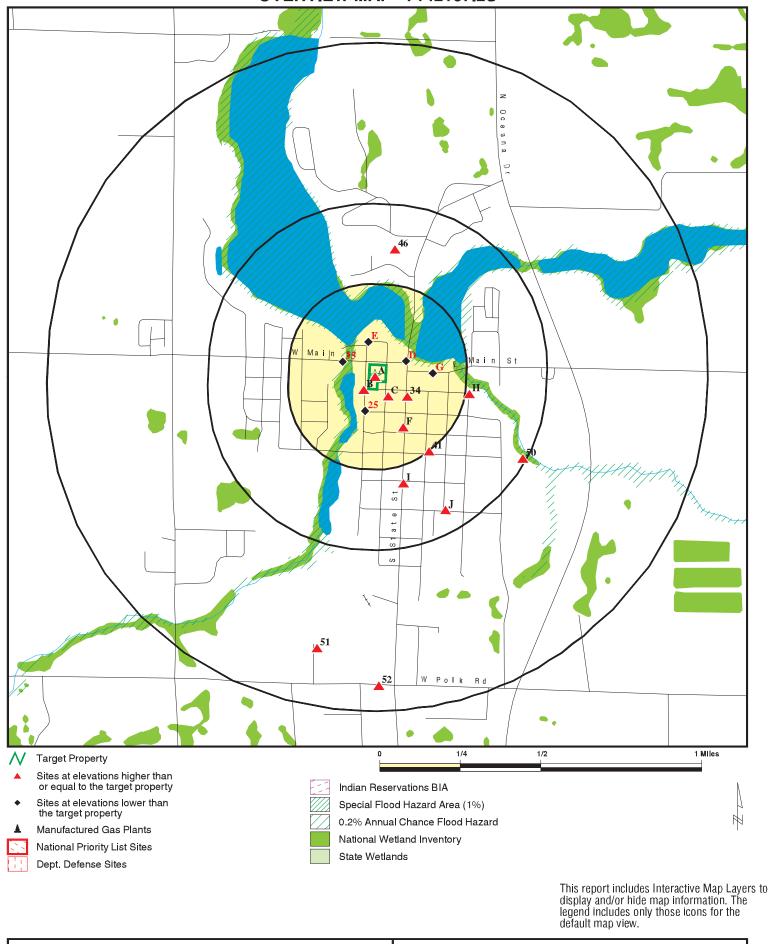
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

Database(s)

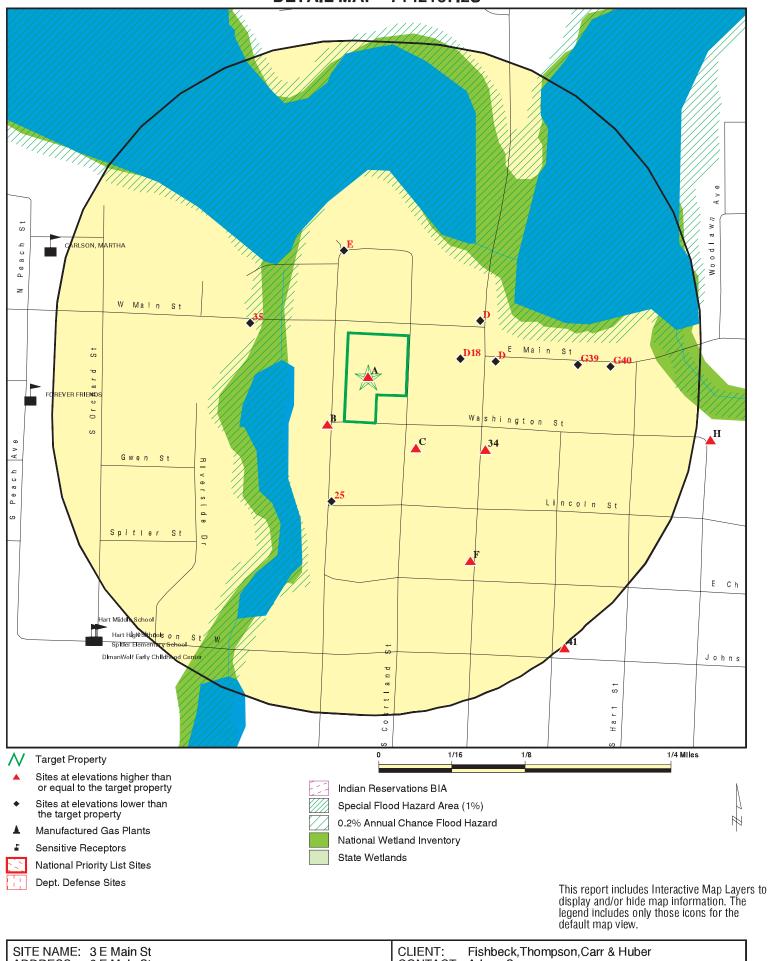
CDL

OVERVIEW MAP - 7142167.2S



SITE NAME: ADDRESS:		Fishbeck,Thompson,Carr & Huber Ariane Savoy
LAT/LONG:	INQUIRY #:	7142167.2s October 10, 2022 9:21 am

DETAIL MAP - 7142167.2S



SITE NAME:3 E Main StCLIENT:Fishbeck,Thompson,Carr & HuberADDRESS:3 E Main StCONTACT:Ariane SavoyHart MI 49420INQUIRY #:7142167.2sLAT/LONG:43.702508 / 86.365559DATE:October 10, 2022 9:22 am

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Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Lists of Federal NPL (Su	ıperfund) site	s						
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Delisted	INPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites su CERCLA removals and		ers						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCL	A sites with N	FRAP						
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
Lists of Federal RCRA for undergoing Corrective J								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA 1	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA g	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 1	0 0 1	NR NR NR	NR NR NR	NR NR NR	0 0 2
Federal institutional con engineering controls re								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001	1	0	NR	NR	NR	NR	1
Lists of state- and tribal hazardous waste faciliti								
SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal and solid waste disposa								
SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal	leaking stora	ge tanks						
LUST	0.500		4	1	4	NR	NR	9

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
Lists of state and tribal	registered sto	orage tanks						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250	1 1	0 6 2 0	0 2 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 9 3 0
State and tribal institut control / engineering co		es						
AUL	0.500		1	0	0	NR	NR	1
Lists of state and tribal	voluntary clea	anup sites						
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal	brownfield sit	tes						
BROWNFIELDS	0.500		1	0	1	NR	NR	2
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid							
SWRCY HIST LF INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardou Contaminated Sites	is waste /							
US HIST CDL INVENTORY PART 201 CDL DEL PART 201 US CDL PFAS	0.001 0.500 1.000 0.001 1.000 0.001 0.500		0 4 1 0 1 0 0	NR 2 0 NR 0 NR 0	NR 5 0 NR 0 NR 0	NR NR 1 NR 0 NR NR	NR NR NR NR NR NR	0 11 2 0 1 0 0
Local Land Records								
LIENS LIENS 2	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Records of Emergency	Release Repo	orts						
HMIRS SPILLS	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Re	cords							
RCRA NonGen / NLR	0.250		2	0	NR	NR	NR	2

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
	1.000		0	0 0	0 0		NR NR	0
SCRD DRYCLEANERS US FIN ASSUR	0.500 0.001		0 0	0 NR	NR	NR NR	NR	0 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		Õ	NR	NR	NR	NR	Õ
SSTS	0.001	2	Ō	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 NR	0 NR	NR	NR NR	0
PCB TRANSFORMER RADINFO	0.001 0.001		0 0	NR	NR	NR NR	NR	0 0
HIST FTTS	0.001	2	0	NR	NR	NR	NR	2
DOT OPS	0.001	2	0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		Ő	Ő	Ő	Ő	NR	Ő
FUSRAP	1.000		Õ	Õ	õ	Õ	NR	õ
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 AIRS	0.250 0.001		0 0	0 NR	NR NR	NR NR	NR NR	0 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	Ő	NR	NR	1
DRYCLEANERS	0.250		0	Ō	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 HISTORICA	AL RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

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 EDR Hist Cleaner	0.125 0.125		2 0	NR NR	NR NR	NR NR	NR NR	2 0
EDR RECOVERED GOVERN	MENT ARCHIV	'ES						
Exclusive Recovered Go	vt. Archives							
RGA PART 201 RGA LF RGA LUST	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 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

Database(s)

EDR ID Number EPA ID Number

A1 Target Property	FREMONT CO-OP PRODUCE CO-HART BRANCH 3 EAST MAIN STREET BOX 471 HART, MI 49420			1009514811 N/A
	Site 1 of 11 in cluster A			
Actual: 655 ft.	FTTS INSP: Inspection Number: Region: Inspection Date: Inspector: Violation occurred: Investigation Type: Investigation Reason: Legislation Code: Facility Function:	20011218MIMDZ 1 05 12/18/01 ZUPIN No General Product Review Neutral Scheme, State FIFRA Producer		
	HIST FTTS INSP: Inspection Number: Region: Inspection Date: Inspector: Violation occurred: Investigation Type: Investigation Reason: Legislation Code: Facility Function:	20011218MIMDZ 1 05 Not reported ZUPIN No General Product Review Neutral Scheme, State FIFRA Producer		
A2 Target Property	CERES SOLUTIONS COOP 3 EAST MAIN STREET HART, MI 49420	ERATIVE 10002	SSTS	1025957917 N/A
Actual: 655 ft.	Site 2 of 11 in cluster A SSTS: Name: Address: City,State,Zip: Report Year: Registration Number:	CERES SOLUTIONS COOPERATIVE 10002 3 EAST MAIN STREET HART, MI 49420 Not reported 85084-MI-3		
A3 Target Property	3 EAST MAIN HART, MI		ERNS	2008867934 N/A
	Site 3 of 11 in cluster A			
Actual: 655 ft.	Incident Commons: NRC Report #: Description of Incident: Type of Incident: Incident Cause: Incident Date Time: Incident DTG: Incident Location:	867934 CALLER IS REPORTING THE RELEASE 500 GALLON RELEASED FROM AND CAUSE ARE UNKNOWN FIXED UNKNOWN 2008-04-14 18:00:00 OCCURRED Not reported	S OF PESTIC	IDES. WHERE IT

Database(s)

EDR ID Number **EPA ID Number**

(Continued)

Site

Loaction Address: **3 EAST MAIN** Location Street 1: Location Street 2: Location Nearest City: Location State: Location County: Location Zip: **Distance From City:** Distance Units: **Direction From City:** Lat Deg: Lat Min: Lat Sec: Lat Quad: Long Deg: Long Min: Long Sec: Long Quad: Location Section: Location Township: Location range: Potential Range: Incidents: NRC Report #: Aircraft Type: Aircraft Model: Aircraft ID: Aircraft Fuel Capacity: Aircraft Fuel Capacity Units: Aircraft Fuel on Board: Aircraft Fuel on Board Units: Aircraft Spot Number: Aircraft Hanger: Aircraft Runway Number: Road Mile Marker: Building ID: Type of Fixed Object: Power Generating Facility: Generating Capacity: Type of Fuel: NPDES: NPDES Compliance: Pipeline Type: DOT Regulated: Pipeline Above Ground: Exposed Underwater: Pipeline Covered: Railroad Hotline: Grade Crossing: Location Subdivision: Railroad Milepost: Type Vehicle Involved: Crossing Device Type: **Device Operational:** DOT Crossing Number: Brake Failure: Description of Tank:

Not reported Not reported HART MI OCEANA Not reported Ν

867934 Not reported OTHER Ν Not reported Not reported Not reported U Not reported U ABOVE Ν U Not reported U Not reported Not reported Not reported Not reported Υ Not reported U Not reported

Database(s)

EDR ID Number **EPA ID Number**

2008867934

(Continued)

Site

Tank Above Ground: ABOVE Transportable Container: U Tank Regulated: U Tank Regulated By: Tank ID: Capacity of Tank: Capacity of Tank Units: Actual Amount: Actual Amount Units: Platform Rig Name: Platform Letter: Location Area ID: Location Block ID: OCSG Number: OCSP Number: State Lease Number: Pier Dock Number: Berth Slip Number: Continuous Release Type: Initial Continuous Release No: Continuous Release Permit: Allision: U Type of Structure: Structure Name: Structure Operational: U Airbag Deployed: U Date Tiem Normal Service: Service Disruption Time: Service Disruption Units: Transit Bus Flag: CR Begin Date: CR End Date: CR Change Date: FBI Contact: FBI Contact Date Time: Sub Part C Testing Req: Conductor Testing: **Engineer Testing:** Trainman Testing: Yard Foreman Testing: RCL Operator Testing: Brakeman Testing: Train Dispatcher Testing: Signalman Testing: Other Employee Testing: Unknown Testing: Passenger Handling: Passenger Route: Passenger Delay: Incident Details: NRC Report #:

Fire Involved:

Fire Extinguished:

Any Evacuations:

Who Evacuated:

Number Evacuated:

Not reported XXX Not reported XXX XXX 867934

Ν

U

U

Not reported

Not reported

TC7142167.2s Page 10

Database(s)

EDR ID Number EPA ID Number

(Continued)

Site

Radius of Evacuation: Any Injuries: U Number Injured: Number Hospitalized: Any Fatalities: U Number Fatalities: Any Damages: N Damage Amount: Air Corridor Closed: Ν Air Corridor Desc: Air Closure Time: Waterway Closed: Ν Waterway Desc: Waterway Closure Time: Road Closed: Ν Road Desc: Road Closure Time: **Closure Direction:** Major Artery: Ν Track Closed: Ν Track Desc: Track Closure Time: Media Interest: Medium Desc: Additional Medium Info: Body of Water: Tributary of: **Release Secured:** U Estimated Duration of Release: Release rate: **Desc Remedial Action:** State Agency on Scene: State Agency Report Number: Other Agency Notified: Weather Conditions: Air Temperature: Wind Speed: Wind Direction: Water Supply Contaminated: U Sheen Size: Sheen Color: Direction of Sheen Travel: Sheen Odor Description: Wave Condition: Current Speed: **Current Direction:** Water Temperature: Track Close Dir: **Empl Fatality:** Pass Fatality: Community Impact: Wind Speed Unit: **Employee Injuries:** Passenger Injuries: Occupant Fatality: Current Speed Unit: Road Closure Units:

Not reported NONE WATER STORM DRAIN STORM DRAIN HART LAKE Not reported Not reported UNKNOWN NONE NONE Not reported UNKNOWN Not reported Not reported

Map ID Direction Distance Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

(Continued)

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 Not reported Sheen Size Length Units: Sheen Size Width: Not reported Sheen Size Width Units: Not reported Offshore: Ν 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: ΧХ Responsible Zip: Not reported On Behalf: Ν TELEPHONE Source: Material Involved: NRC Report #: 867934 Chris Code: NCC 000000-00-0 Case Number: UN Number: Not reported Amount of Material: 500 Unit of Measure: GALLON(S) PENDANT 353-EC HERBICIDE Name of Material: If Reached Water: YES Amount in Water: 0 Unit of Measure Reach Water: UNKNOWN AMOUNT

A4 CERES SOLUTIONS COOPERATIVE 10002 Target 3 E MAIN ST Property HART, MI 49420

Site 4 of 11 in cluster A

 Actual:
 FINDS:

 655 ft.
 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

2008867934

FINDS 1024043675 N/A

Direction				
Distance Elevation	Site		Database(s)	EDR ID Numbe EPA ID Numbe
	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.		
		<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.		
A5 Target Property	NORTH CENTRAL CO 3 EAST MAIN STREE HART, MI 49420		FINDS	1012006353 N/A
	Site 5 of 11 in cluster	r A		
Actual: 655 ft.	FINDS: Registry ID:	110038297928		
	Click Here for FF	RS Facility Detail Report:		
	Environmental Inter	rest/Information System: SSTS (Section Seven Tracking System) evolved from the FIFRA and TS Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and	SCA	
		amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.		
Target	NORTH CENTRAL C 3 E MAIN ST HART, MI 49420	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.	 AST	A100319858 N/A
A6 Target Property	3 E MAIN ST	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC	 AST	
Target	3 E MAIN ST HART, MI 49420	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name:	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC r A NORTH CENTRAL CO-OP INC	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address:	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City:	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip:	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City:	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address:	are produced, sold, or distributed each year. <u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST.	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3		
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collectio Accuracy: Source:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collectio Accuracy: Source: Point Line Area:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collection Accuracy: Source: Point Line Area: Description Cate	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight)	 AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collectio Accuracy: Source: Point Line Area:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight) ction: GPS Code Meas. Standard Positioning Service SA Off	 AST	
Target Property	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collection Accuracy: Source: Point Line Area: Description Cate Method of Collection	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight) ction: GPS Code Meas. Standard Positioning Service SA Off	AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collection Accuracy: Source: Point Line Area: Description Cate Method of Collect Horizontal Datur Latitude: Longitude:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight) ction: GPS Code Meas. Standard Positioning Service SA Off m: NAD83 43.7027380 -86.365693	AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zi District: Date of Collection Accuracy: Source: Point Line Area: Description Cate Method of Collect Horizontal Datur Latitude:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight) ction: GPS Code Meas. Standard Positioning Service SA Off m: NAD83 43.7027380	AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner Address: Owner City,St,Zi District: Date of Collection Accuracy: Source: Point Line Area: Description Cate Method of Colled Horizontal Datur Latitude: Longitude: Tank Id: Tank Id: Tank Status: Capacity (in galla	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight) ction: GPS Code Meas. Standard Positioning Service SA Off m: NAD83 43.7027380 -86.365693 ATK-123226-15 Removed from Premises ons): 500	AST	
Target Property Actual:	3 E MAIN ST HART, MI 49420 Site 6 of 11 in cluster AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner Address: Owner City,St,Zi District: Date of Collection Accuracy: Source: Point Line Area: Description Cate Method of Colled Horizontal Datur Latitude: Longitude: Tank Id: Tank Id: Tank Status:	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. O-OP INC r A NORTH CENTRAL CO-OP INC 3 E MAIN ST HART 49420-1129 92085089 Not reported 3 E. MAIN ST. ip: HART, MI 49420 3 on: 08/21/2007 40 FEET STATE OF MICHIGAN POINT egory: Plant Entrance (Freight) ction: GPS Code Meas. Standard Positioning Service SA Off m: NAD83 43.7027380 -86.365693 ATK-123226-15 Removed from Premises ons): 500 : Not reported	AST	

A7

A8

Contact Telephone:

EPA Product Registration Number:

Contact Email: Product Name:

Product Code:

MAP FINDINGS

EDR ID Number Site Database(s) **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 HART COUNTRYMARK COOPERATIVE FINDS 1015889815 Target **3 EAST MAIN STREET** N/A Property HART, MI 49420 Site 7 of 11 in cluster A Actual: FINDS: 655 ft. 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. FREMONT PRODUCE COOPERATIVE-HART BRANCH SSTS 1004531053 **3 E MAIN ST** Target N/A HART, 49420 Property Site 8 of 11 in cluster A SSTS: Actual: 655 ft. NORTH CENTRAL COOPERATIVE, INC. Name: **3 EAST MAIN STREET** Address: City,State,Zip: HART, MI 49420 Report Year: 2013 50139-MI-2 **Registration Number:** 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 Rodney Stevens** Contact Name: Contact Title: Location Manager

> (231) 873-2158 ppr@asmark.org

Not reported

50534-188-100

VO WEATHERSTICK

Database(s)

EDR ID Number EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued) 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 NORTH CENTRAL COOPERATIVE, INC. Name: Address: **3 EAST MAIN STREET** Address 2: Not reported Country Code: USA **United States** Country: **Rodney Stevens** Contact Name: Contact Title: Location Manager (231) 873-2158 Contact Telephone: Contact Email: ppr@asmark.org CORNERSTONE 5 PLUS Product Name: 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 050139MI 002 **Registration Number:** Pre 2016: **Registration Number:** 050139MI 002 Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH Address: 3 E MAIN ST Not reported Address 2: Country Code: Not reported Country: Not reported Contact Name: Not reported Contact Title: Not reported Not reported Contact Telephone: Contact Email: Not reported HARNESS XTRA Product Name: Product Code: EPA Product Registration Number: 00052400480 Product Type: 3 Product Classification: 04 Product Use: 1 Market Type: 1 Product Unit of Measure: Not reported Not reported Region: Zero Production: Not reported RUP: Not reported

1004531053

TC7142167.2s Page 15

EDR ID Number Database(s) EPA ID Number

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	
Descent Mana	2222	
Report Year:	2006	
Registration Number:	050139-MI-002	
e 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:		
Product Type:		
Product Classification:		
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	

Database(s)

EDR ID Number **EPA ID Number**

1004531053

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

Contact Email: Not reported BRAVO WEATHERSTIK Product Name: Product Code: Not reported EPA Product Registration Number: 050534-00188 Product Type: REPACKAGED OR RELABELED Product Classification: FUNGICIDE Product Use: ALL OTHER PRODUCTS MARKETED IN UNITED STATES Market Type: Product Unit of Measure: Not reported Region: Not reported Zero Production: Not reported RUP: Not reported **Registration Number:** 050139-MI-002 FREMONT PRODUCE COOPERATIVE-HART BRANCH Name: Address: 3 E MAIN ST Address 2: Not reported Country Code: Not reported Country: Not reported Not reported Contact Name: Contact Title: Not reported Contact Telephone: Not reported Contact Email: Not reported ROUNDUP ORIG MAX Product Name: Product Code: Not reported 000524-00539 EPA Product Registration Number: Product Type: REPACKAGED OR RELABELED Product Classification: HERBICIDE ALL OTHER PRODUCTS Product Use: MARKETED IN UNITED STATES Market Type: 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 FREMONT PRODUCE COOPERATIVE-HART BRANCH Name: Address: 3 E MAIN ST Address 2: Not reported Not reported Country Code: Country: Not reported Contact Name: Not reported Contact Title: Not reported Contact Telephone: Not reported Contact Email: Not reported **BRAVO WEATHERSTIK** Product Name: Product Code: 1 05053400188 EPA Product Registration Number: Product Type: 3 Product Classification: 02 Product Use: 2 Market Type: Product Unit of Measure: Not reported

EDR ID Number Database(s) **EPA ID Number**

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued) 1004531053 Region: 05 Zero Production: Not reported RUP: Not reported **Registration Number:** 050139MI002 FREMONT PRODUCE COOPERATIVE-HART BRANCH Name: Address: 3 E MAIN ST Address 2: Not reported Country Code: Not reported Country: Not reported Not reported Contact Name: Contact Title: Not reported Contact Telephone: Not reported Contact Email: Not reported ROUNDUP WEATHERMAX Product Name: Product Code: EPA Product Registration Number: 00052400537 Product Type: 3 Product Classification: 04 Product Use: 2 Market Type: 1 Product Unit of Measure: Not reported 05 Region: 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 Not reported Region: Zero Production: Not reported RUP: Not reported 050139MI002 Registration Number: Name: FREMONT PRODUCE COOPERATIVE-HART BRANCH Address: **3 E MAIN ST** Address 2: Not reported Country Code: Not reported

Database(s)

EDR ID Number EPA ID Number

1004531053

FREMONT PRODUCE COOPERATIVE-HART	BRANCH (Continued)
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

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

TC7142167.2s Page 19

Database(s)

EDR ID Number EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued) Product Classification: 34 - Herbicide Not reported Product Use: Market Type: USA Product Unit of Measure: Not reported Region: 5 Zero Production: Not reported 2 - All Other Products RUP: Report Year: 2010 **Registration Number:** 50139-MI-2 Pre 2016: Registration Number: 50139-MI-2 NORTH CENTRAL COOPERATIVE, INC. Name: Address: **3 EAST MAIN STREET** Address 2: Not reported USA Country Code: Country: **United States** Contact Name: **Rodney Stevens** Location Manager Contact Title: Contact Telephone: (231) 873-2158 Contact Email: ppr@asmark.org Product Name: BICEP Product Code: Not reported 100-817 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: Not reported RUP: 1 - Restricted Use Pesticide Registration Number: 50139-MI-2 NORTH CENTRAL COOPERATIVE, INC. Name: 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 ppr@asmark.org Contact Email: TOUCHDOWN TOTAL Product Name: Product Code: Not reported EPA Product Registration Number: 100-1169 3 - Repackages/Relabeled Product Type: 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

EDR ID Number Database(s) EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

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
•	50139-MI-2
Registration Number:	50159-WI-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 Not reported
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

Database(s)

EDR ID Number EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

Country: **United States** Contact Name: **Rodney Stevens** Contact Title: Location Manager Contact Telephone: (231) 873-2158 Contact Email: ppr@asmark.org CORNERSTONE Product Name: Not reported Product Code: 42750-59-1381 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: Not reported RUP: 2 - All Other Products **Registration Number:** 50139-MI-2 NORTH CENTRAL COOPERATIVE, INC. Name: **3 EAST MAIN STREET** Address: Address 2: Not reported Country Code: USA Country: United States Contact Name: **Rodney Stevens** Contact Title: Location Manager Contact Telephone: (231) 873-2158 ppr@asmark.org Contact Email: Product Name: CORNERSTONE Product Code: Not reported 524-454-1381 EPA Product Registration Number: 3 - Repackages/Relabeled Product Type: 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. **3 EAST MAIN STREET** Address: Address 2: Not reported Country Code: USA Country: **United States** Contact Name: **Rodney Stevens** Contact Title: Location Manager Contact Telephone: (231) 873-2158 ppr@asmark.org Contact Email: Product Name: **BRAVO WEATHERSTICK** Product Code: Not reported EPA Product Registration Number: 50534-188-100 Product Type: 3 - Repackages/Relabeled

Database(s)

EDR ID Number EPA ID Number

1004531053

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued) Product Classification: 34 - Herbicide Product Use: Not reported

Market Type: Product Unit of Measure: Region: Zero Production: RUP: 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: Market Type: Product Unit of Measure: Region: Zero Production: RUP: **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: Market Type: Product Unit of Measure: Region: Zero Production: RUP:

Report Year: Registration Number: Pre 2016: Registration Number: Not reported USA Not reported 5 Not reported 2 - All Other Products 50139-MI-2 NORTH CENTRAL COOPERATIVE, INC. **3 EAST MAIN STREET** Not reported USA **United States Rodney Stevens** Location Manager (231) 873-2158 ppr@asmark.org ravo weatherstickb Not reported 50534-188-100 3 - Repackages/Relabeled 34 - Herbicide Not reported USA Not reported 5 Not reported 2 - All Other Products 50139-MI-2 NORTH CENTRAL COOPERATIVE, INC. **3 EAST MAIN STREET** Not reported USA **United States Rodney Stevens** Location Manager (231) 873-2158 ppr@asmark.org cornerstoe 5 plus Not reported 1381-241 3 - Repackages/Relabeled 34 - Herbicide Not reported USA Not reported 5 Not reported 2 - All Other Products

2007 050139MI002

050139MI002

EDR ID Number Database(s) EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

	Branton (contailada)
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
-	3
Product Type:	
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
-	3
Product Type:	
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
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Database(s)

EDR ID Number EPA ID Number

04	
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05	
Not reported	
Not reported	
Not reported	
050139MI 002	
2005	
050139MI002	
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BICEP LITE	
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0001000827	
3	
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Not reported	
BRAVO WEATHERSTIK	
0	
05053400188	
3	
02	
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Not reported Not reported	
	2 1 Not reported 05 Not reported 050139MI002 2005 050139MI002 FREMONT PRODUCE COOPERATIVE-HART BRANCH 3 E MAIN ST Not reported Not

EDR ID Number Database(s) EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)

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: Product Classification:	Not reported
Product Use:	Not reported 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
numo.	

Database(s)

EDR ID Number EPA ID Number

FREMONT PRODUCE COOPERATIVE-HART	BRANCH (Continued)
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:	0504001/1000
Registration Number:	
Name:	FREMONT PRODUCE COOPERATIVE-HART BRANCH
Address:	3 E MAIN ST
Address 2:	Not reported
Country Code:	Not reported
Country: Contact Name:	Not reported
Contact Name: Contact Title:	Not reported
	Not reported Not reported
Contact Telephone: Contact Email:	
Product Name:	Not reported HARNESS XTRA
FIUUULI Mallie.	

Database(s)

EDR ID Number EPA ID Number

1004531053

FREMONT PRODUCE COOPERATIVE-HART BRANCH (Continued)				
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			

A9HART COUNTRYMARK CO-OPTarget3 EAST MAIN STPropertyHART MI, MI 49240

Site 9 of 11 in cluster A

Actual: 655 ft.	FTTS INSP: Inspection Number: Region: Inspection Date: Inspector: Violation occurred: Investigation Type: Investigation Reason: Legislation Code: Facility Function:	19950830MI-MZ 1 05 08/30/95 ZUPIN Yes General Product Review Neutral Scheme, State FIFRA Producer

19950830MI-MZ 1
05
Not reported
ZUPIN

FTTS 1007280578 HIST FTTS N/A

Database(s)

EDR ID Number EPA ID Number

1007280578

HART COUNTRYMARK CO-OP (Continued)

Violation occurred:	Yes
Investigation Type:	General Product Review
Investigation Reason:	Neutral Scheme, State
Legislation Code:	FIFRA
Facility Function:	Producer

A10 COUNTRYMARK, INC Target 3 E MAIN ST Property HART, MI 49420

Site 10 of 11 in cluster A

Actual:

655 ft.

UST: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type:

COUNTRYMARK, INC 3 E MAIN ST HART 49420-1129 CLOSED 00017953 COUNTRYMARK, INC 3 E MAIN ST HART MI 49420-1129 Not reported 6168732158 DONALD WALSWORTH (616) 873-2158 01/11/2001 100 NAD83 FEET STATE OF MICHIGAN POINT Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office 2 550 Removed from Ground Gasoline 05/03/1971 10/01/1990 Not reported 43.70262 -86.36345 COUNTRYMARK, INC 3 E MAIN ST HART 49420-1129

CLOSED

UST U003867597 N/A

Database(s)

EDR ID Number EPA ID Number

COUNTRYMARK, INC (Continued)

Facility ID: 00017953 COUNTRYMARK, INC Owner Name: 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 Removed from Ground Tank Status: Substance: Diesel Install Date: 05/03/1971 Remove Date: 10/01/1990 Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported **Piping Material:** Not reported Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.70262 -86.36345 Longitude:

A11CERES SOLUTIONS COOPERATIVETarget3 EAST MAIN STREETPropertyHART, MI 49420

Site 11 of 11 in cluster A

 Actual:
 FINDS:

 655 ft.
 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. FINDS 1018373450 ECHO N/A

U003867597

B12

SSW

< 1/8 0.008 mi. 40 ft.

Relative:

MAP FINDINGS

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: Registry ID: DFR URL: Name: Address: City,State,Zip:

GRAND HAVEN BL&P

100 WATER STREET

Site 1 of 4 in cluster B

HART, MI 49420

COAL ASH:

1018373450 110067631361 http://echo.epa.gov/detailed-facility-report?fid=110067631361 CERES SOLUTIONS COOPERATIVE **3 EAST MAIN STREET** HART, MI 49420

> COAL ASH S119762141 N/A

Higher Actual: 661 ft.	Name: Address: City,State,Zip: Facility Id: Facility Status: Major: Version: SIC Code: SIC Description: District: Compliance Staff: NPDES Permit Number: Surface Impoundments?: Incised or Raised?: Comments:	GRAND HAVEN BL&P 100 WATER STREET HART, MI 49420 12425 Not reported No 2 4911 Electric Services Grand Rapids Tom Berdinski MI0058209 Not reported Not reported Not reported 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: EPA ID: Name: Address: Address 2: City,State,Zip: Cong District: FIPS Code: FF: NPL: Non NPL Status: SEMS Archive Detail:	0503174 MID980993000 HART POWER PLT 100 WATER ST Not reported HART, MI 49420 09 26127 N Not on the NPL NFRAP-Site does not qualify for the NPL based on existing information
	Region: Site ID:	05 0503174

MID980993000

Database(s)

EDR ID Number EPA ID Number

HART POWER PLT (Continued)

EPA ID: Site Name: NPL: FF: OU: Action Code: Action Name: SEQ: Start Date: Finish Date: Qual: Current Action Lead: Region: Site ID: EPA ID: Site Name: NPL: FF: OU: Action Code: Action Name: SEQ: Start Date: Finish Date: Qual: **Current Action Lead:** Region: Site ID: EPA ID: Site Name: NPL: FF: OU: Action Code: Action Name: SEQ: Start Date: Finish Date: Qual: Current Action Lead: Region: Site ID: EPA ID: Site Name: NPL: FF: OU: Action Code: Action Name: SEQ: Start Date: Finish Date: Qual: Current Action Lead:

HART POWER PLT Ν Ν 00 VS ARCH SITE Not reported 1996-01-10 05:00:00 Not reported EPA Perf In-Hse 05 0503174 MID980993000 HART POWER PLT Ν Ν 00 DS DISCVRY 1 1984-06-01 05:00:00 1984-06-01 05:00:00 Not reported EPA Perf 05 0503174 MID980993000 HART POWER PLT Ν Ν 00 HR HAZRANK 1 Not reported 1986-07-28 04:00:00 Ν EPA Perf 05 0503174 MID980993000 HART POWER PLT Ν Ν 00 SI SI 1 Not reported 1986-06-24 04:00:00 Ν EPA Perf

Database(s)

EDR ID Number **EPA ID Number**

HART POWER PLT (Continued)

Region: Site ID: EPA ID: Site Name: NPL: FF: OU: Action Code: Action Name: SEQ: Start Date: Finish Date: Qual: Current Action Lead:

101 SOUTH WATER STREET

101 SOUTH WATER STREET

OCEANA (County), MI 49420

Site 3 of 4 in cluster B

05 0503174 MID980993000 HART POWER PLT Ν Ν 00 PA PA 1 Not reported 1985-07-24 05:00:00 L St Perf

1003871502

INVENTORY S117440188 BEA N/A

Relative: Higher Actual:

0.015 mi. 78 ft.

B14

SW

< 1/8

660 ft.

INVENTORY: 101 SOUTH WATER STREET Name: Address: City,State,Zip: MI 49420 Township: Hart District: Data Source: Lust Name: Regulatory Program: 201 **Release Status:** Project Manager: Latitude: NaN Longitude: NaN

BEA:

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:

101 SOUTH WATER STREET Grand Rapids Risks Not Determined Not reported Not reported Hopkins, Heather

> 101 SOUTH WATER STREET 101 SOUTH WATER STREET MI 49420 Not reported Not reported Not reported 01/14/2015 Not reported 64000111 **Baseline Environmental Assessment** B201503920GR **RRD** Received Submitted 2015-01-21 10:42:46

Map ID	
Direction	
Distance	
Elevation	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 HART BODY SHOP RCRA-VSQG 1000391154 SW **101 WATER ST** FINDS MID985577451 ECHO < 1/8 HART, MI 49420 0.015 mi. 78 ft. Site 4 of 4 in cluster B **Relative: RCRA** Listings: Date Form Received by Agency: Higher 20011231 HART BODY SHOP Handler Name: Actual: Handler Address: 101 WATER ST 660 ft. 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 Not reported Accessibility: 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

Database(s)

EDR ID Number EPA ID Number

HART BODY SHOP (Continued)

Off Cite Weete Dessist	Ne
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No No
Federal Universal Waste:	
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	
vvasie Gode DUUT	

Waste Code: Waste Description:	D001 IGNITABLE WASTE		
Handler - Owner Operator:			
Owner/Operator Indicator:	Owner		

Owner/Operator Indicator.	Owner
Owner/Operator Name: RABY GALE C	
Legal Status:	Private

Database(s)

EDR ID Number EPA ID Number

1000391154

HART BODY SHOP (Continued)

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:	19700101 Not reported Not reported Not reported Not reported Not reported Not reported
Owner/Operator Indicator: Owner/Operator Name: RONALD BENNING 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 Private 19970801 Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: RONALD BENNING	Private
Legal Status:	19970801
Date Became Current:	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:	Operator
Owner/Operator Name: RABY GALE C	Private
Legal Status:	19700101
Date Became Current:	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:	Operator
Owner/Operator Name: RABY GALE C	Private
Legal Status:	19700101
Date Became Current:	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

700101 ot reported erator vate 970801 ot reported vner vate 970801 ot reported erator vate 700101 ot reported perator vate 700101 ot reported ot reported ot reported

Database(s)

EDR ID Number EPA ID Number

1000391154

HART BODY SHOP (Continued)

Owner/Operator Indicator: Owner/Operator Name: RONALD BENNING 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/Operator Indicator: Owner/Operator Name: RABY GALE C 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/Operator Indicator: Owner/Operator Name: RONALD BENNING 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: Historic Generators: Receive Date:

Receive Date: Handler Name: HART BODY SHOP 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:

Receive Date: Handler Name: HART BODY SHOP Federal Waste Generator Description: State District Owner: Large Quantity Handler of Universal Waste: Recognized Trader Importer: Recognized Trader Exporter:

Operator Private 19970801

Not reported Not reported Not reported Not reported Not reported Not reported

Owner

Private 19700101 Not reported Not reported Not reported Not reported Not reported Not reported Not reported

Owner

Private 19970801 Not reported Not reported Not reported Not reported Not reported Not reported

20011231

Conditionally Exempt Small Quantity Generator Not reported No No No No Yes Not reported Not reported 19900402

Small Quantity Generator Not reported No No No MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

						4000204454
	HART BODY SHOP (Spent Lead Acid Spent Lead Acid Current Record: Non Storage Rec Electronic Manife	Battery Importer: Battery Exporter: ycler Activity:		No No Not reported Not reported		1000391154
	List of NAICS Codes NAICS Code: NAICS Descriptio		81112	ODY, PAINT, INTERIOR, AND GLASS	REPAIR	
	Facility Has Receive Violations:	d Notices of Violat	iions:	No Violations Found		
	Evaluation Action Su Evaluations:	ummary:		No Evaluations Found		
	FINDS: Registry ID:	110003638	948			
	Click Here for FR	S Facility Detail Re	eport:			
	Environmental Intere	RCRAInfo is a na Conservation and events and activit and treat, store, o program staff to tr corrective action a <u>Click this hyperlin</u>	tional information s I Recovery Act (RC ties related to facilit or dispose of hazard rack the notification activities required u	your computer to access		
	ECHO: Envid: Registry ID: DFR URL: Name: Address: City,State,Zip:		1000391154 11000363894	3 a.gov/detailed-facility-report?fid=11000 SHOP ST	3638948	
C16 SE < 1/8 0.041 mi. 215 ft.	RIGHT OF WAY 108 S COURTLAND S HART, MI 49420 Site 1 of 2 in cluster C				UST	U004295607 N/A
Relative: Higher Actual: 658 ft.	UST: Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address: Owner City: Owner State:		RIGHT OF WAY 108 S COURTLA HART 49420-114 CLOSED 50005385 CITY OF HART 407 STATE HART MI	-		

Database(s)

EDR ID Number EPA ID Number

RIGHT OF WAY (Continued)

Owner Zip: 49420 Not reported **Owner Contact:** Owner Phone: 2318732488 Contact: Not reported Contact Phone: Not reported Not reported Date of Collection: Not reported Accuracy: Horizontal Datum: Not reported Not reported Accuracy Value Unit: Source: Not reported Point Line Area: Not reported Not reported Desc Category: Method of Collection: Not reported District: Not reported Tank ID: Capacity: 500 Tank Status: Removed from Ground Substance: Not reported Install Date: Not reported 08/06/2004 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Not reported Piping Material: Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: Not reported Not reported Longitude:

C17 RIGHT OF WAY SE 108 S COURTLAND ST < 1/8</td> HART, MI 49420 0.041 mi. 215 ft. Site 2 of 2 in cluster C

LUST:

Relative: Higher Actual:

658 ft.

RIGHT OF WAY Name: Address: 108 S COURTLAND ST City,State,Zip: HART, MI 49420-Facility ID: 50005385 STATE OF MICHIGAN Source: 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

U004295607

LUST S106521478 N/A

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	HART EZ MART		UST	U003327746
East	3 N STATE ST		Financial Assurance	N/A
< 1/8	HART, MI 49420			
0.045 mi.				
239 ft.	Site 1 of 13 in cluster D			
Relative:	UST:			
Lower	Name:	HART EZ MART		
Actual:	Address:	3 N STATE ST		
649 ft.	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: Owner Zip:	MI 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 5000		
	Capacity: Tank Status:	Removed from Ground		
	Substance:	Gasoline		
	Install Date:	04/24/1966		
	Remove Date:	04/28/1997		
	Tank Number:	Not reported		
	Tank Details Compartment			
	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		

Not reported

Impressed Device:

Database(s)

EDR ID Number EPA ID Number

HART EZ MART (Continued)

Latitude: 43.70273 Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone:

-86.36397 HART EZ MART **3 N STATE ST** HART 49420-1120 CLOSED 00003366 BLARNEY CASTLE OIL CO PO BOX 246 **BEAR LAKE** MI 49614 Not reported 2318643111 David Mead (616) 864-3111 10/23/2007 40 NAD83 FEET STATE OF MICHIGAN POINT Plant Entrance (Freight) Interpolation-Map Region 3 - Grand Rapids District Office 2 5000 Removed from Ground Gasoline 04/24/1966 04/28/1997 Not reported 43.70273 -86.36397 HART EZ MART **3 N STATE ST** HART 49420-1120 CLOSED 00003366 BLARNEY CASTLE OIL CO **PO BOX 246** BEAR LAKE MI 49614 Not reported 2318643111 David Mead (616) 864-3111

Database(s)

EDR ID Number EPA ID Number

U003327746

HART EZ MART (Continued)

ART EZ MART (Continued)	
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
Commerical 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
Relative: Lower	EDR Hist Auto
Actual: 640 ft.	Year: Name: 1994 BLARNEY CASTLE OIL CO

EDR Hist Auto 1021144449 N/A

Type: Gasoline Service Stations

Database(s)

EDR ID Number EPA ID Number

D20 ENE	3 N STATE STREET 3 N STATE STREET		BEA WDS	S110748221 N/A
< 1/8	HART, MI 49420		1120	
0.062 mi. 327 ft.	Site 3 of 13 in cluster D			
Relative:	BEA:			
Lower	Name:	3 N STATE STREET		
Actual:	Address: City,State,Zip:	3 N STATE STREET HART, MI 49420		
638 ft.	Secondary Address:	Not reported		
	BEA Number:	2879		
	District:	Grand Rapids		
	Date Received: Submitter Name:	01/19/2011 City of Hart		
	Petition Determination:	No Request		
	Petition Disclosure:	0		
	Category:	Not reported		
	Determination 20107A: Reviewer:	No Request mecherb		
	Division Assigned:	STD		
	Location ID:	Not reported		
	Submittal Type:	Not reported		
	Submittal Number: Approval Status:	Not reported Not reported		
	Workflow Status:	Not reported		
	Date Submitted:	Not reported		
	Date Completed:	Not reported		
	Township: Work Unit:	Not reported Not reported		
	Comments:	Not reported		
	Organization:	Not reported		
	Contact:	Not reported		
	Contact Type:	Not reported		
	WDS:			
	Name:	HART TAX INCREMENT FINANCE AUTHORITY		
	Address: City,State,Zip:	3 N STATE ST HART, MI 49420		
	Site Id:	MIK147629455		
	WMD Id:	487944		
	Site Specific Name:	FORMER EZ MART		
	Mailing Address: Mailing City/State/Zip:	407 N STATE ST 49420		
	Mailing County:	OCEANA		
D21	DOWNTOWN MOBIL		EDR Hist Auto	1021664184
ENE	3 N STATE ST			N/A
< 1/8 0.062 mi.	HART, MI 49420			
327 ft.	Site 4 of 13 in cluster D			
Relative: Lower	EDR Hist Auto			
Actual:	Year: Name:	Туре:		
638 ft.	1973 DOWNTOWN MOB			
	1974 DOWNTOWN MOB 1975 DOWNTOWN MOB			
	1976 DOWNTOWN MOB			

D22

ENE

< 1/8

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number**

1021664184

DOWNTOWN MOBIL (Continued)

HART EZ MART

3 N STATE ST

1977	DOWNTOWN MOBIL
1978	DOWNTOWN MOBIL
1979	DOWNTOWN MOBIL
1980	DOWNTOWN MOBIL
1982	DOWNTOWN MOBIL
1983	DOWNTOWN MOBIL

Gasoline Service Stations
Gasoline Service Stations

LUST S125297806 INVENTORY N/A BEA

HART, MI 49420 0.062 mi. 327 ft. Site 5 of 13 in cluster D LUST: Relative: Lower Name: HART EZ MART Address: **3 N STATE ST** Actual: City,State,Zip: HART, MI 49420-638 ft. Facility ID: 00003366 STATE OF MICHIGAN Source: Owner Name: BlarneyCastle Oil Co Not reported **Owner Address:** UNKNOWN, MI Owner City, St, Zip: **Owner Contact:** Not reported Not reported Owner Phone: Country: USA District: Grand Rapids Site Name: Hart EZ Mart - Superior Oil Company Latitude: 43.70273 -86.36397 Longitude: Date of Collection: 10/23/2007 Method of Collection: Interpolation-Map Accuracy: 40 Accuracy Value Unit: FEET Horizontal Data: NAD83 POINT Point Line Area: Plant Entrance (Freight) Desc Category: Regulatory Program: Not reported Not reported **Risk Condition:** Project Manager: Not reported Senate District: Not reported House District: Not reported US Congressional District: Not reported C-1317-85 Leak Number:

Release Date: Substance Released: Release Status:	01/01/1987 Not reported 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

Database(s)

EDR ID Number **EPA ID Number**

S125297806

HART EZ MART (Continued)

Release Status: Project Manager:	Closed Knoerr, Paul
Latitude:	43.70273268
Longitude:	-86.36397602

BEA:

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: Organization: Contact: Contact Type: 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:

HART EZ MART **3 N STATE ST** HART, MI 49420 Not reported Not reported Not reported 09/17/1999 Not reported 00003366 **Baseline Environmental Assessment** P199900587GR **RRD** Received Submitted 2004-01-31 07:29:04 Not reported Hart Grand Rapids 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 City of Harrt Scott Hubler Submitter Contact HART EZ MART **3 N STATE ST** HART, MI 49420 Not reported Not reported Not reported 01/19/2011 Not reported 00003366 **Baseline Environmental Assessment**

RRD Received Submitted 2011-01-20 16:26:56

B201102879GR

Database(s)

EDR ID Number EPA ID Number

HAR

B06

RT EZ MART (Continued)	S12529780
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	Site

Database(s)

RCRA NonGen / NLR 1014391450

EDR ID Number EPA ID Number

S125297806

MIK147629455

HART EZ MART (Continued)

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

D23HART TAX INCREMENT FINANCE AUTHORITYENE3 N STATE ST< 1/8</td>HART, MI 49420

0.062 mi. 327 ft. Site 6 of 13 in cluster D

Relative:	RCRA Listings:	
Lower	Date Form Received by Agency:	20100601
Actual:	Handler Name:	HART TAX INCREMENT FINANCE AUTHORITY
638 ft.	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	on: 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 Exe	mption: No
	Smelting Melting and Refining Furn	ace Exemption: No

Map ID Direction Distance Elevation Site

Database(s)

EDR ID Number EPA ID Number

HART TAX INCREMENT FINANCE AUTHORITY (Continued)

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: Waste Description:

D001 IGNITABLE WASTE

Handler - Owner Operator: Owner/Operator Indicator:

Owner/Operator Indicator: Operator Owner/Operator Name: HART TAX INCREMENT FINANCE AUTHORITY

1014391450

Map ID Direction Distance Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

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
	X 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
listoric Generators:	00400004
Receive Date:	
	X INCREMENT FINANCE AUTHORITY
Federal Waste Generator Descripti	-
State District Owner:	Not reported
Large Quantity Handler of Universa	
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
ist of NAICS Codes and Descriptions	s:
NAICS Code:	44512
NAICS Description:	CONVENIENCE STORES
acility Has Received Notices of Viola	
Violations:	No Violations Found
valuation Action Summary:	

1014391450

Database(s)

EDR ID Number EPA ID Number

D24	STATE STREET ROW		UST U004225639
ENE	45 N STATE ST		N/A
< 1/8	HART, MI 49420		
0.063 mi. 331 ft.	Site 7 of 13 in cluster D		
Relative:	UST:		
Lower	Name:	STATE STREET ROW	
Actual:	Address:	45 N STATE ST	
637 ft.	City,State,Zip:	HART 49420	
	Facility Type:	CLOSED	
	Facility ID: Owner Name:	00042522 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: Accuracy:	Not reported 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: Tank ID:	Region 3 - Grand Rapids District Office 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: Piping Material:	Not reported Not reported	
	Piping Type:	Not reported	
	Tank Construction:	Not reported	
	Impressed Device:	Not reported	
	Latitude:	Not reported	
	Longitude:	Not reported	
0 5			AST A100318360
25 SSW < 1/8	LARSONS SONS 4 LINCOLN ST HART, MI 49420		N/A
0.069 mi. 364 ft.			
Relative:	AST:		
Lower	Name:	LARSONS SONS	
Actual:	Address:	4 LINCOLN ST	
654 ft.	City:	HART	
	Zip: Epolity ID:	49420-1136	
	Facility ID: Owner Name:	92064054 EXCEL PROPANE CO	
	ewiler raille.		

D26

ENE

< 1/8 0.070 mi. 369 ft. Relative: Lower Actual: 635 ft.

MAP FINDINGS

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		
		40 FEET		
	Accuracy:			
	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		
	Tople Ide	ATK-122419-15		
	Tank Id:			
	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		
-				
	NORTH STATE STREET		BEA	S105966576
26	NORTH STATE STREET		BEA	S105966576 N/A
26			BEA	
26 I HA	NORTH STATE STREET RT, MI 49420		BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 e 8 of 13 in cluster D		BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 e 8 of 13 in cluster D BEA:		BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 e 8 of 13 in cluster D BEA: Name:	26 NORTH STATE STREET	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 e 8 of 13 in cluster D BEA: Name: Address:	26 NORTH STATE STREET	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 e 8 of 13 in cluster D BEA: Name: Address: City,State,Zip:	26 NORTH STATE STREET HART, MI 49420	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 e 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address:	26 NORTH STATE STREET HART, MI 49420 Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 a 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure: Category:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure: Category: Determination 20107A:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Number:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported Not reported Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Number: Approval Status:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported Not reported Not reported Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 B 6 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Number: Approval Status: Workflow Status:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported Not reported Not reported Not reported Not reported Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 B 6 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Number: Approval Status: Workflow Status: Date Submitted:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported	BEA	
26 HA	NORTH STATE STREET RT, MI 49420 8 8 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Type: Submittal Number: Approval Status: Workflow Status: Date Submitted: Date Completed:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported	BEA	
26 I HA	NORTH STATE STREET RT, MI 49420 B 6 of 13 in cluster D BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Determination: Petition Determination: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Number: Approval Status: Workflow Status: Date Submitted:	26 NORTH STATE STREET HART, MI 49420 Not reported 1233 Grand Rapids 06/27/2003 Gayle Forner No Request 0 N No Request mecherb STD Not reported Not reported	BEA	

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	24 AND 26 NORTH STATE ST 24 AND 26 NORTH STATE ST		BEA	S109094160 N/A
< 1/8	HART, MI 49420			N/A
0.070 mi.	,			
369 ft.	Site 9 of 13 in cluster D			
Relative:	BEA:			
Lower	Name:	24 AND 26 NORTH STATE STREET		
Actual:	Address:	24 AND 26 NORTH STATE STREET		
635 ft.	City,State,Zip:	HART, MI 49420		
	Secondary Address: BEA Number:	Not reported 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: Division Assigned:	mecherb 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: Township:	Not reported Not reported		
	Work Unit:	Not reported		
	Comments:	Not reported		
	Organization:	Not reported		
	Contact:	Not reported		
	Contact Type:	Not reported		
D28	MERSKIN & MERSKIN PC		LUST	U002302857
ENE	26 N STATE ST		UST	N/A
< 1/8 0.070 mi.	HART, MI 49420		BROWNFIELDS INVENTORY	
369 ft.	Site 10 of 13 in cluster D		BEA	
			WDS	
Relative: Lower	LUST:		_	
	Name:	MERSKIN & MERSKIN PC		
Actual: 635 ft.	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:			
	Owner City,St,Zip:	UNKNOWN, MI		

Database(s)

EDR ID Number EPA ID Number

MERSKIN & MERSKIN PC (Continued)

Owner Contact: Not reported Owner Phone: Not reported Country: USA District: Grand Rapids Site Name: Merskin And Merskin 43.70292 Latitude: 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 Not reported Project Manager: 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 **MERSKIN & MERSKIN PC Owner Name:** 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 (616) 845-6251 Contact Phone: Date of Collection: 01/11/2001 Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: FEET STATE OF MICHIGAN Source: Point Line Area: POINT Plant Entrance (Freight) Desc Category: Method of Collection: Address Matching-House Number Region 3 - Grand Rapids District Office District: Tank ID: 2 Capacity: 1200 Closed in Ground Tank Status: Gasoline Substance: Install Date: 04/03/1971 Remove Date: 05/20/1994 Tank Number: Not reported

Database(s)

EDR ID Number EPA ID Number

MERSKIN & MERSKIN PC (Continued)

Tank Details Compartments: Not reported Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: HART Owner City: Owner State: MI Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: Date of Collection: 100 Accuracy: Horizontal Datum: Accuracy Value Unit: FEET Source: Point Line Area: Desc Category: Method of Collection: District: Tank ID: 1 1000 Capacity: Tank Status: Substance: Diesel Install Date: Remove Date: Tank Number: Tank Details Compartments: Tank Release Detection: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: **BROWNFIELDS:** Name:

Address: City,State,Zip:

Facility ID:

Region: Status:

Not reported Not reported 43.70292 -86.36344 **MERSKIN & MERSKIN PC** 26 N STATE ST HART 49420-1194 CLOSED 00001715 **MERSKIN & MERSKIN PC** 26 N STATE ST 49420-1121 Not reported 6168732111 DAVID L HATCH (616) 845-6251 01/11/2001 NAD83 STATE OF MICHIGAN POINT Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office Closed in Ground 04/02/1966 05/20/1994 Not reported 43.70292 -86.36344 Not reported 26 N STATE ST HART, MI Not reported

Not reported

Database(s)

EDR ID Number EPA ID Number

MERSKIN & MERSKIN PC (Continued)

Properry 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 HART, MI 49420 City,State,Zip: Township: Hart District: Grand Rapids Data Source: **Risk Controlled** Lust Name: Merskin And Merskin **Regulatory Program:** 213 Closed Release Status: Project Manager: Knoerr, Paul Latitude: 43.702929 -86.363443 Longitude: BEA: Name: **MERSKIN & MERSKIN PC** 26 N STATE ST Address: 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 Not reported Category: Determination 20107A: Not reported Not reported Reviewer: **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

EDR ID Number Database(s) **EPA ID Number**

MERSKIN & MERSKIN PC (Continued)

Name:

District:

Name:

District:

of previously identified concerns, and concerns have already been dealt with appropriately. Organization: Contact: Joseph Hollander Contact Type: Submitter Contact Address: 26 N STATE ST HART, MI 49420 City,State,Zip: Secondary Address: Not reported **BEA Number:** Not reported Not reported 06/27/2003 Date Received: Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Reviewer: Not reported **Division Assigned:** Not reported Location ID: 00001715 Submittal Type: Submittal Number: B200301233GR Approval Status: **RRD** Received Submitted Workflow Status: Date Submitted: Date Completed: Not reported Township: Hart Work Unit: Grand Rapids Comments: Organization: Gayle Forner Gayle Forner Contact: Submitter Contact Contact Type: Address: 26 N STATE ST City,State,Zip: HART, MI 49420 Secondary Address: Not reported BEA Number: Not reported Not reported 04/23/2008 Date Received: 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: Submittal Number: P200802275GR Approval Status: **RRD** Received Workflow Status: Submitted Date Submitted: 2008-04-24 07:35:58

U002302857

Hart Seniors LDHALP **MERSKIN & MERSKIN PC Baseline Environmental Assessment** 2004-01-31 07:29:04 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. **MERSKIN & MERSKIN PC**

Baseline Environmental Assessment

Database(s)

EDR ID Number EPA ID Number

MERSKIN & MERSKIN PC (Conti	inued) 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 Cread Davida
Work Unit:	Grand Rapids
Comments:	A2 REVIEW CONCLUSION: BEA is entirely of previously identified
	concerns, and further follow up is needed, awaiting resources.
Organization:	Faciltiy ID #0-00001715 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

Database(s)

EDR ID Number EPA ID Number

D29	MERSKIN & MERSKIN PC		AUL	S117369634
ENE	26 NORTH STATE STREET			N/A
< 1/8 0.070 mi	HART, MI 49420			
0.070 mi. 369 ft.	Site 11 of 13 in cluster D			
Relative:	AUL:			
Lower	Name:	MERSKIN & MERSKIN PC		
Actual:	Address:	26 NORTH STATE STREET		
635 ft.	City,State,Zip:	HART, MI 49420		
	Status:	Recorded		
	Site Name:	Not reported		
	Property:	on-site		
	Land Use Restriction Type:	RC Port 212		
	Program Type: Program Support Assigned User:	Part 213 Nicholas Ekel		
	Program Support Assigned Date:	02/11/2015		
	Legal Description Of Property:	Not reported		
	Based On The Deg 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:			
	Commercial I Land Use Restriction:	0		
	Commercial Ii Land Use Restriction:	0		
	Commercial lii Land Use Restriction:	0		
	Commercial Iv Land Use Restriction: Industrial Land Use Restriction:	0 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		
		consultant requested DEQ reference #.		
	Map Comments: 20150211 - LRUF	R is NOT mapped in KERMIT - Nick Ek	el 2015(1511 - LKUK IS

mapped in KERMIT - Nick Ekel

Map ID		MAP FINDINGS		
Direction Distance Elevation	Site		Database(s)	EDR ID Number EPA ID Number
E30 North	HART HYDRO ELECTRIC PLANT 407 STATE ST.		PART 201 DEL PART 201	S105144566 N/A
< 1/8 0.071 mi.	HART, MI 49420			
373 ft.	Site 1 of 2 in cluster E			
Relative:	PART 201:	0.4000000		
Lower	Facility ID:	64000003	ant liatin n	
Actual:	Facility Status:	Deleted - available documentation does not supp	ortlisting	

Electrical Services

Deleted - available documentation does not support listing

24

15N

17W

SW Diesel fuel

6400003

8 SE

08/13/1991

Source:

SAM Score:

Township:

Range:

Section:

Quarter: Quarter/Quarter:

Pollutants:

DEL_PART201: Facility ID:

Mailing Address: Mailing City/State/Zip:

Mailing County:

Status:

SAM Score Date:

647 ft.

E31 North < 1/8 0.071 mi. 373 ft.	CITY OF HART 407 STATE ST HART, MI 49420 Site 2 of 2 in cluster E		I
Relative: Lower Actual: 647 ft.	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program:	HART HYDRO ELECTRIC PLANT 407 STATE STREET HART, MI 49420 Hart Grand Rapids Risks Present and Require Action in Short-term Not reported 201	
	Release Status: Project Manager: Latitude: Longitude:	Not reported Hopkins, Heather 43.704074 -86.365973	
	WDS: Name: Address: City,State,Zip: Site Id: WMD Id: Site Specific Name:	CITY OF HART 407 STATE ST HART, MI 49420 MIG000006978 457967 CITY OF HART	

407 STATE ST 49420

OCEANA

INVENTORY S111970093 WDS N/A

Database(s)

EDR ID Number EPA ID Number

D32 East < 1/8 0.075 mi.	FARMERS PETROLEUM 17 E MAIN ST HART, MI 49420			AST	A100150988 N/A
398 ft.	Site 12 of 13 in cluster D				
Relative: Lower Actual: 646 ft.	AST: Name: Address: City: Zip: Facility ID: Owner Name: Owner Address: Owner City,St,Zip: District: Date of Collection: Accuracy: Source: Point Line Area: Description Category: Method of Collection:	FARMERS PETROLEUM 17 E MAIN ST HART 49420-3103 92064003 SHELL GAS (LPG) BULK, LLC 5857 S WARNER AVENUE FREMONT, MI 49412 3 08/08/2001 10 METERS STATE OF MICHIGAN POINT Plant Entrance (Freight) GPS Code Meas. Standard Position	ing Service SA Off		
	Horizontal Datum: Latitude: Longitude:	NAD83 43.6922780 -86.366653			
	Tank Id: Tank Status: Capacity (in gallons): Installation Date: Substance Stored: Removed/Closed Date:	ATK-028551-15 Removed from Premises 30000 11/21/1996 LPG 12/08/2003			
D33 East < 1/8 0.075 mi. 398 ft.	FREMONT COOPERATIVE PRO 17 E MAIN ST HART, MI 49420 Site 13 of 13 in cluster D	DUCE INC		/ NLR FINDS ECHO	1006808396 MIK111735221
Relative:	RCRA Listings:				
Lower	Date Form Received by Age	ncy:	20050402		
Actual: 646 ft.	Handler Name: Handler Address: Handler City,State,Zip: EPA ID: Contact Name: Contact Address: Contact City,State,Zip: Contact Telephone: Contact Fax: Contact Fax: Contact Fax: Contact Email: Contact Title: EPA Region: Land Type: Federal Waste Generator De Non-Notifier: Biennial Report Cycle: Accessibility: Active Site Indicator: State District Owner:	FREMONT COOPERATIVE P			

EDR ID Number Database(s) 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 O	
Owner Type:		Private
Operator Name:	NO ACTIVE O/OP AS NOT O	SENERATING 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 Exem	nption:	No
Smelting Melting and Refining Furna	ce 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 Stora	age and Disposal Facility:	Not reported
Active Site Converter Treatment stor		Not reported
Active Site State-Reg Treatment Sto	rage and Disposal Facility:	Not reported
Active Site State-Reg Handler:		
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indic	ator:	NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Typ	be:	Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe	9:	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 Baselin	ie:	No
Corrective Action Workload Universe	9:	No
Subject to Corrective Action Univers	e:	No
Non-TSDFs Where RCRA CA has B	een Imposed Universe:	No
TSDFs Potentially Subject to CA Un	der 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Di		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-Comp	lier Universe:	No
Addressed Significant Non-Complier		No
Significant Non-Complier With a Cor		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20110303
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
		-

Map ID Direction	MAP FINDINGS					
Distance Elevation	Site				Database(s)	EDR ID Numbe EPA ID Number
	FREMONT COOPERATIVE F	PRODUCE INC	C (Continued)			1006808396
	Importer of Spent Lead Exporter of Spent Lead Recycler Activity Withou Manifest Broker: Sub-Part P Indicator:	Acid Batteries:		No Not reported Not reported No		
	Hazardous Waste Summar	•	0001			
	Waste Code: Waste Description:		0001 GNITABLE WASTE			
	Handler - Owner Operator:					
	Owner/Operator Indicate Owner/Operator Name:	or:	Operator D/OP AS NOT GENERATING	WASTE		
	Legal Status: Date Became Current:		Private 20050403			
	Date Ended Current:		Not reporte	d		
	Owner/Operator Addres		Not reporte			
	Owner/Operator City,Sta		Not reporte			
	Owner/Operator Teleph		Not reporte			
	Owner/Operator Teleph Owner/Operator Fax:	one Ext.	Not reporte Not reporte			
	Owner/Operator Email:		Not reporte			
	·		Operator D/OP AS NOT GENERATING	WASTE		
	Legal Status:		Private 20050403			
	Date Became Current: Date Ended Current:		Not reporte	d		
	Owner/Operator Addres	s:	Not reporte			
	Owner/Operator City,Sta		Not reporte			
	Owner/Operator Teleph	•	Not reporte	d		
	Owner/Operator Teleph	one Ext:	Not reporte	d		
	Owner/Operator Fax: Owner/Operator Email:		Not reporte Not reporte			
	Owner/Operator Indicate	or:	Owner			
	•		D/OP AS NOT GENERATING	WASTE		
	Legal Status:		Private			
	Date Became Current:		20050403			
	Date Ended Current:		Not reporte			
	Owner/Operator Addres		Not reporte			
	Owner/Operator City,Sta	•	Not reporte			
	Owner/Operator Teleph Owner/Operator Teleph		Not reporte Not reporte			
	Owner/Operator Fax:	one Ext.	Not reporte			
	Owner/Operator Email:		Not reporte			
	Owner/Operator Indicate		Owner			
		NO ACTIVE (D/OP AS NOT GENERATING	WASTE		
	Legal Status:		Private			
	Date Became Current:		20050403 Not reporte	-1		

20050403 Not reported Not reported Not reported Not reported

Date Ended Current:

Owner/Operator Address: Owner/Operator City,State,Zip: Owner/Operator Telephone:

Database(s)

EDR ID Number EPA ID Number

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Historic Generators:	
Receive Date:	20030225
Handler Name: FREMONT	OOPERATIVE PRODUCE INC
Federal Waste Generator Description	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal	/aste: 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: Handler Name: FREMONT (
Federal Waste Generator Description	OOPERATIVE PRODUCE INC
•	Not a generator, verified
State District Owner:	Not reported //aste: No
Large Quantity Handler of Universal Recognized Trader Importer:	No
Recognized Trader Importer:	No
5	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter: Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
List of NAICS Codes and Descriptions:	
List of NAICS Codes and Descriptions: NAICS Code:	11998
	ALL OTHER MISCELLANEOUS CROP FARMING
Facility Has Received Notices of Violation	n: 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

Database(s)

EDR ID Number EPA ID Number

FREMONT COOPERATIVE PRODUCE INC (Continued)

Consent/Final Order Respondent Na	me:	Not reported
Consent/Final Order Lead Agency:		Not reported
0,	Not reported	
Enforcement Responsible Person:	Notropontou	Not reported
•		•
Enforcement Responsible Sub-Orgar	nization:	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
Evelvetien Deeneveikle Anevev		01-1-

Evaluation Responsible Agency: State Found Violation: No COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation Type Description: 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.

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: Registry ID: DFR URL: Name: Address: City,State,Zip: 1006808396 110014456427 http://echo.epa.gov/detailed-facility-report?fid=110014456427 FREMONT COOPERATIVE PRODUCE INC 17 E MAIN ST HART, MI 49420

1006808396

Owner Phone:

MAP FINDINGS

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
	UST: Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address: Owner City: Owner City: Owner Cottact: Owner Zip: Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source:	COUNTY OF OCEANA 100 S STATE ST HART 49420-1188 CLOSED 00008330 COUNTY OF OCEANA PO BOX 14 HART MI 49420-0014 Not reported 6168734835 Paul E Inglis (616) 873-4835 11/04/2006 15 NAD83 METERS STATE OF MICHIGAN		
	Point Line Area: Desc Category: Method of Collection: District: Tank ID: Capacity: Tank Status: Substance: Install Date: Remove Date: Tank Number: Tank Number: Tank Details Compartments: Tank Release Detection: Pipe Release Detection: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude:	POINT Not reported Interpolation-Map Region 3 - Grand Rapids District Office 2 1500 Removed from Ground Diesel 04/01/1967 04/13/1992 Not reported Not reported No		
	Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address: Owner City: Owner City: Owner State: Owner Zip: Owner Contact: Owner Phone:	COUNTY OF OCEANA 100 S STATE ST HART 49420-1188 CLOSED 00008330 COUNTY OF OCEANA PO BOX 14 HART MI 49420-0014 Not reported 6168734835		

6168734835

Paul E Inglis (616) 873-4835

11/04/2006

STATE OF MICHIGAN

Removed from Ground

Region 3 - Grand Rapids District Office

15

NAD83 METERS

POINT

1

2000

Gasoline

04/01/1967 04/13/1992

Not reported

43.70184

-86.36346

Not reported

Interpolation-Map

Database(s)

EDR ID Number **EPA ID Number**

COUNTY OF OCEANA (Continued)

Contact: Contact Phone: 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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude:

35 FORD GARAGE WNW 151 W MAIN ST < 1/8 HART, MI 49420

LUST:

Name:

Address:

Facility ID:

Source: Owner Name:

City,State,Zip:

Owner Address:

Owner Contact:

Owner Phone:

Country:

District:

Latitude: Longitude:

Accuracy:

Site Name:

Owner City, St, Zip:

Date of Collection:

Horizontal Data:

Point Line Area: Desc Category:

0.084 mi. 443 ft.

Relative: Lower

Actual: 626 ft.

FORD GARAGE 151 W MAIN ST HART, MI 49420-00040604 STATE OF MICHIGAN Cityof Hart Not reported UNKNOWN, MI Not reported Not reported USA Grand Rapids City Of Hart - Ford Garage 43.70317 -86.36454 10/05/2004 Method of Collection: Address Matching-House Number 100 FEET Accuracy Value Unit: NAD83 POINT Not reported Regulatory Program: Not reported

U003866790

LUST U003790699 UST N/A

Database(s)

EDR ID Number EPA ID Number

FORD GARAGE (Continued)

Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District: US Congressional District:	Not reported
03 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: Facility Type:	HART, MI 49420-1024 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: Date of Collection:	Not reported
Accuracy:	Not reported 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: Tank Status:	500 Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	2001-02-09 00:00:00
Tank Number:	UTK-089373-15
Tank Details Compartment	s: Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Unknown Not reported
Impressed Device: Latitude:	Not reported Not reported
Longitude:	Not reported
5	r
Name:	FORD GARAGE
Address:	151 W MAIN ST
City,State,Zip:	HART, MI 49420-1024
Facility Type:	Removed from Ground

00040604

Facility ID:

Database(s)

EDR ID Number EPA ID Number

FORD GARAGE (Continued)

Owner Name: Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: Owner City: **Owner State:** Owner Zip: Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category:

Method of Collection:

CITY OF HART 407 STATE HART MI 49420 Not reported 2318732488 Not reported NRT1 500 Removed from Ground Gasoline Not reported 2001-02-09 00:00:00 UTK-007931-15 Not reported Not reported Not reported Unknown Not reported Unknown Not reported Not reported Not reported FORD GARAGE 151 W MAIN ST HART 49420-1024 CLOSED 00040604 CITY OF HART 407 STATE HART MI 49420 Not reported 2318732488 SCOTT HUEBLER (231) 873-2488 10/05/2004 100 NAD83 FEET STATE OF MICHIGAN POINT Not reported Address Matching-House Number

Map ID	
Direction	
Distance	
Elevation	Site

Database(s)

EDR ID Number **EPA ID Number**

U003790699

FORD GARAGE (Continued)

District:

Tank ID:

Capacity:

Tank Status:

Substance:

Install Date:

Remove Date: Tank Number:

Piping Material:

Impressed Device:

Piping Type: Tank Construction:

Latitude:

Longitude:

Tank Details Compartments:

Tank Release Detection:

Pipe Release Detection:

Region 3 - Grand Rapids District Office 1 500 Removed from Ground Gasoline Not reported 02/09/2001 Not reported 43.70317 -86.36454

F36 HART EZ MART SSE 223 S STATE ST 1/8-1/4 HART, MI 49420 0.143 mi.

Site 1 of 3 in cluster F

756 ft. UST: **Relative:** Higher Name: Address: Actual: City,State,Zip: 675 ft. Facility Type: Facility ID: **Owner Name: Owner Address:** Owner City: Owner State: Owner Zip: **Owner Contact: Owner Phone:** Contact: Contact Phone: 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:

Pipe Release Detection:

HART EZ MART 223 S STATE ST HART 49420-1224 ACTIVE 00008478 **BLARNEY CASTLE OIL CO** PO BOX 246 **BEAR LAKE** MI 49614 Not reported 2318643111 Veronica Collier (231) 864-3111 04/17/2001 10 NAD83 METERS STATE OF MICHIGAN POINT Plant Entrance (Freight) GPS Code Meas. Standard Positioning Service SA Off Region 3 - Grand Rapids District Office 9 550 Removed from Ground Used Oil 10/25/1991 08/03/1999 Not reported Not reported Not reported Not reported

UST U003328167 N/A

Database(s)

EDR ID Number EPA ID Number

HART EZ MART (Continued)

Piping Material: Not reported Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported 43.70035 Latitude: -86.36390 Longitude: 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 49614 Owner Zip: Owner Contact: Not reported Owner Phone: 2318643111 Contact: Veronica Collier Contact Phone: (231) 864-3111 04/17/2001 Date of Collection: 10 Accuracy: Horizontal Datum: NAD83 Accuracy Value Unit: METERS STATE OF MICHIGAN Source: Point Line Area: POINT Desc Category: Plant Entrance (Freight) GPS Code Meas. Standard Positioning Service SA Off Method of Collection: District: Region 3 - Grand Rapids District Office Tank ID: 8 Capacity: 12000 Tank Status: Currently In Use Substance: Gasoline 10/25/1991 Install Date: Not reported Remove Date: Not reported Tank Number: 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 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 Type: ACTIVE Facility ID: 00008478 **BLARNEY CASTLE OIL CO Owner Name:** Owner Address: PO BOX 246 Owner City: **BEAR LAKE Owner State:** MI Owner Zip: 49614

Database(s)

EDR ID Number EPA ID Number

HART EZ MART (Continued)

U003328167

Owner Contact: Not reported 2318643111 Owner Phone: Veronica Collier Contact: Contact Phone: (231) 864-3111 Date of Collection: 04/17/2001 Accuracy 10 Horizontal Datum: NAD83 Accuracy Value Unit: METERS STATE OF MICHIGAN Source: Point Line Area: POINT Desc Category: Plant Entrance (Freight) Method of Collection: GPS Code Meas. Standard Positioning Service SA Off Region 3 - Grand Rapids District Office District: Tank ID: Capacity: 12000 Tank Status: Currently In Use Gasoline Substance: 10/25/1991 Install Date: 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 Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.70035 Longitude: -86.36390 HART EZ MART Name: Address: 223 S STATE ST City.State.Zip: HART 49420-1224 Facility Type: ACTIVE 00008478 Facility ID: 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 STATE OF MICHIGAN Source: Point Line Area: POINT Desc Category: Plant Entrance (Freight) Method of Collection: GPS Code Meas. Standard Positioning Service SA Off Region 3 - Grand Rapids District Office District: Tank ID: 6 Capacity: 8000 Tank Status: Currently In Use Substance: Gasoline

Database(s)

EDR ID Number EPA ID Number

HART EZ MART (Continued)

RT EZ MART (Continued)	
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 Verenies Cellier
Contact: Contact Phone:	Veronica Collier
Date of Collection:	(231) 864-3111 04/17/2001
	10
Accuracy: 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
Facility Type:	ACTIVE

Database(s)

EDR ID Number EPA ID Number

U003328167

HART EZ MART (Continued)

Facility ID: Owner Name: **Owner Address:** Owner City: **Owner State:** Owner Zip: Owner Contact: Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area:

Desc Category:

00008478 BLARNEY CASTLE OIL CO PO BOX 246 BEAR LAKE MI 49614 Not reported 2318643111 Veronica Collier (231) 864-3111 04/17/2001 10 NAD83 METERS STATE OF MICHIGAN POINT Plant Entrance (Freight) GPS Code Meas. Standard Positioning Service SA Off Region 3 - Grand Rapids District Office 4 4000 Removed from Ground Diesel 04/04/1975 10/27/1991 Not reported 43.70035 -86.36390 HART EZ MART 223 S STATE ST HART 49420-1224 ACTIVE 00008478 BLARNEY CASTLE OIL CO PO BOX 246 **BEAR LAKE** MI 49614 Not reported 2318643111 Veronica Collier (231) 864-3111 04/17/2001 10 NAD83 METERS STATE OF MICHIGAN POINT

Plant Entrance (Freight)

EDR ID Number Database(s) EPA ID Number

HART EZ MART (Continued)

U003328167

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off Region 3 - Grand Rapids District Office District: Tank ID: 3 Capacity: 5000 Removed from Ground Tank Status: Gasoline Substance: 04/04/1975 Install Date: 10/27/1991 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Not reported Pipe Release Detection: Not reported Piping Material: Piping Type: Not reported Tank Construction: Not reported Not reported Impressed Device: Latitude: 43.70035 -86.36390 Longitude: HART EZ MART Name: Address: 223 S STATE ST City,State,Zip: HART 49420-1224 Facility Type: ACTIVE Facility ID: 00008478 BLARNEY CASTLE OIL CO Owner Name: PO BOX 246 Owner Address: 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 10 Accuracy: Horizontal Datum: NAD83 Accuracy Value Unit: METERS STATE OF MICHIGAN Source: Point Line Area: POINT Desc Category: Plant Entrance (Freight) GPS Code Meas. Standard Positioning Service SA Off Method of Collection: District: Region 3 - Grand Rapids District Office Tank ID: 2 8000 Capacity: 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

Database(s)

EDR ID Number EPA ID Number

HART EZ MART (Continued)

Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: Owner City: **Owner State:** Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude:

-86.36390 HART EZ MART 223 S STATE ST HART 49420-1224 ACTIVE 00008478 **BLARNEY CASTLE OIL CO** PO BOX 246 **BEAR LAKE** MI 49614 Not reported 2318643111 Veronica Collier (231) 864-3111 04/17/2001 10 NAD83 METERS STATE OF MICHIGAN POINT Plant Entrance (Freight) GPS Code Meas. Standard Positioning Service SA Off Region 3 - Grand Rapids District Office 1 12000 Removed from Ground Gasoline 04/04/1983 10/27/1991 Not reported 43.70035 -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
Relative: Higher	LUST: Name:
Actual: 675 ft.	Address: City,State,Zip: Facility ID:
	Source: Owner Name:
	Owner Address: Owner City,St,Zip: Owner Contact:

HART EZ MART 223 S STATE ST HART, MI 49420-00008478 STATE OF MICHIGAN BlarneyCastle Oil Co Not reported UNKNOWN, MI Not reported LUST S125297827 INVENTORY N/A

Database(s)

EDR ID Number EPA ID Number

	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:	•
	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
IN	VENTORY:	
	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 Site 3 of 3 in cluster F			RCRA-VSQG FINDS ECHO	1018157790 MIK882613494
Relative: Higher Actual: 675 ft.	RCRA Listings: Date Form Received by Agency: Handler Name: Handler Address: Handler City,State,Zip: EPA ID:	BLARNEY CASTLE OIL CO	20151104 223 S STATE ST HART, MI 49420 MIK882613494		

S125297827

EDR ID Number Database(s) EPA ID Number

BLARNEY CASTLE OIL CO (Continued)

Contact Name: ERIK A JOHNSON Contact Address: Not reported Contact City,State,Zip: Not reported 231-864-3111 106 Contact Telephone: Contact Fax: 231-864-2303 EJOHNSON@BLARNEYCASTLEOIL.COM Contact Email: 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

1018157790

Database(s)

EDR ID Number EPA ID Number

BLARNEY CASTLE OIL CO (Continued)

Hazardous Waste Summary: Waste Code: Waste Description:

D001 IGNITABLE WASTE

Handler - Owner Operator: Owner/Operator Indicator: Owner/Operator Name: BLARNEY CASTLE OIL CO	Owner
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: Owner/Operator Name: BLARNEY CASTLE OIL CO	Operator
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: Handler Name: BLARNEY CASTLE OIL CO Federal Waste Generator Description: State District Owner:

20151104

Conditionally Exempt Small Quantity Generator Not reported

1018157790

Data Source:

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	BLARNEY CASTLE OIL CO (Conti	nued)		1018157790
	Large Quantity Handler of Univ Recognized Trader Importer: Recognized Trader Exporter: Spent Lead Acid Battery Import Spent Lead Acid Battery Expor Current Record: Non Storage Recycler Activity: Electronic Manifest Broker:	er:	No No No No Yes Not reported Not reported	
	List of NAICS Codes and Descript NAICS Code: NAICS Description:	447110	ATIONS WITH CONVENIENCE STORES	
	Facility Has Received Notices of \ Violations:	/iolations:	No Violations Found	
	Evaluation Action Summary: Evaluations:		No Evaluations Found	
	FINDS: Registry ID: 11006	7044200		
	Click Here for FRS Facility Deta	ail Report:		
	Conservatior events and a and treat, sto program staf corrective ac <u>Click this hyr</u>	a national information and Recovery Act (R ctivities related to faci ore, or dispose of haza f to track the notification tion activities required <u>perlink</u> while viewing o	n your computer to access	
		NDS: detail in the EDF	R Site Report.	
	ECHO: Envid: Registry ID: DFR URL: Name: Address: City,State,Zip:	•	pa.gov/detailed-facility-report?fid=110067044200 ASTLE OIL CO E ST	
G39 East 1/8-1/4 0.146 mi. 769 ft.	227 EAST MAIN STREET, HART, M 227 EAST MAIN STREET HART, MI 49420 Site 1 of 2 in cluster G	I 49420	INVENTOR BE/	
Relative: Lower Actual: 649 ft.	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source:	227 EAST MAIN S 227 EAST MAIN S HART, MI 49420 Not reported Grand Rapids Risks Not Determin		

Risks Not Determined

Not reported

Database(s)

MI 49420

EDR ID Number **EPA ID Number**

	Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: 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:	Not reported 201 Not reported Pawloski, John 43.70243681 -86.36198892 227 EAST MAIN STREET, HART, MI 227 EAST MAIN STREET HART, MI 49420 Not reported Not reported Not reported 12/02/2019 Not reported Not Not Not Not Not Not Not Not Not Not
	Submittal Type: Submittal Number:	Baseline Environmental Assessment 64000124-BEA-1
	Approval Status:	RRD Received
	Workflow Status: Date Submitted:	Submitted 2019-12-09 10:11:11
	Date Submitted: Date Completed:	2019-12-09 10:11:11 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	
Relative:	UST:	
Lower	Name:	
Actual:	Address:	311 E MAIN ST
649 ft.	City,State,Zip:	HART 49420-1264
	Facility Type:	CLOSED
	Facility ID:	00012024

227 EAST MAIN STREET, HART, MI 49420 (Continued)

Lust Name:

S125715520

UST U003328417 N/A

917 ft. Relative:

Owner Name: Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:**

Owner Phone:

Contact: Contact Phone: BOONSTRA OIL CO INC 52 S JEBAVY LUDINGTON MI 49431 Not reported 8434090 Not reported ()-

Database(s)

EDR ID Number EPA ID Number

GREINERS GARAGE (Continued)

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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: **Owner Address:** Owner City: Owner State: Owner Zip: Owner Contact: **Owner Phone:** Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category: Method of Collection: District: Tank ID: 2 Capacity: Tank Status: Substance: Install Date: Remove Date: Tank Number: Tank Details Compartments:

01/11/2001 100 NAD83 FEET STATE OF MICHIGAN POINT Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office 3 500 Removed from Ground Gasoline 04/29/1974 01/01/1987 Not reported 43.70257 -86.36226 **GREINERS GARAGE** 311 E MAIN ST HART 49420-1264 CLOSED 00012024 BOONSTRA OIL CO INC 52 S JEBAVY LUDINGTON MI 49431 Not reported 8434090 Not reported ()-01/11/2001 100 NAD83 FEET STATE OF MICHIGAN POINT Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office 1000 Removed from Ground Gasoline 04/29/1974 01/01/1987 Not reported Not reported

Not reported Not reported

Not reported

Not reported

Not reported

Database(s)

EDR ID Number EPA ID Number

GREINERS GARAGE (Continued)

Tank Release Detection: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: Owner City: **Owner State:** Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude:

Not reported 43.70257 -86.36226 **GREINERS GARAGE** 311 E MAIN ST HART 49420-1264 CLOSED 00012024 BOONSTRA OIL CO INC 52 S JEBAVY LUDINGTON MI 49431 Not reported 8434090 Not reported ()-01/11/2001 100 NAD83 FEET STATE OF MICHIGAN POINT Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office 1 2000 Removed from Ground Gasoline 04/29/1976 01/01/1987 Not reported 43.70257 -86.36226

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 UST	1000526750 N/A
Relative:	LUST:			
Higher	Name:	HART PUBLIC SCHOOLS		
Actual:	Address:	300 JOHNSON ST		
683 ft.	City,State,Zip:	HART, MI 49420-		
	Facility ID:	00035597		
	Source: Owner Name:	STATE OF MICHIGAN 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: Longitude:	43.69914 -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: Regulatory Program:	Plant Entrance (Freight) 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 300 JOHNSON ST		
	Address: 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 10120 8514		
	Owner Zip: Owner Contact:	49420-8514 Not reported		
	Owner Phone:	6168734080		
	Contact:	JAMES JOHNSON		
	Contact Phone:	(616) 873-5691		
	Date of Collection:	01/11/2001		
	Accuracy:	100		
	Horizontal Datum:	NAD83		

Database(s)

EDR ID Number EPA ID Number

HART PUBLIC SCHOOLS (Continued)

Accuracy Value Unit: FEET STATE OF MICHIGAN Source: POINT Point Line Area: Desc Category: Plant Entrance (Freight) Method of Collection: Address Matching-House Number Region 3 - Grand Rapids District Office District: Tank ID: 3 Capacity: 1000 Tank Status: Removed from Ground Substance: Diesel Install Date: Not reported 10/23/1991 Remove Date: 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 43.69914 Latitude: 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 2266 E POLK RD Owner Address: Owner City: HART **Owner State:** MI Owner Zip: 49420-8514 **Owner Contact:** Not reported 6168734080 Owner Phone: JAMES JOHNSON Contact: Contact Phone: (616) 873-5691 Date of Collection: 01/11/2001 Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: FEET STATE OF MICHIGAN Source: Point Line Area: POINT Desc Category: Plant Entrance (Freight) Address Matching-House Number Method of Collection: Region 3 - Grand Rapids District Office District: Tank ID: 2 Capacity: 1000 Tank Status: Removed from Ground Gasoline Substance: 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

1000526750

Not reported Not reported Database(s)

EDR ID Number EPA ID Number

HART PUBLIC SCHOOLS (Continued)

Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude:

Not reported 43.69914 -86.36220 HART PUBLIC SCHOOLS 300 JOHNSON ST HART 49420-1059 CLOSED 00035597 HART PUBLIC SCHOOLS 2266 E POLK RD HART MI 49420-8514 Not reported 6168734080 JAMES JOHNSON (616) 873-5691 01/11/2001 100 NAD83 FEET STATE OF MICHIGAN POINT Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office 1 500 Removed from Ground Used Oil Not reported 10/23/1991 Not reported 43.69914 -86.36220

H42 100 SOUTH UNION STREET East 100 SOUTH UNION STREET

1/4-1/2 HART, MI 49420 0.263 mi.

1390 ft. Site 1 of 2 in cluster H

I

I

Relative:	BEA:
Higher	Name:
Actual:	Address:
662 ft.	City,State,Zip:
	Secondary Address:
	BEA Number:

100 SOUTH UNION STREET 100 SOUTH UNION STREET HART, MI 49420 Not reported 1128

1000526750

BEA S105768623 N/A

Database(s)

EDR ID Number EPA ID Number

Relative: Higher Actual: 683 ft.	LUST: Name: Address: City,State,Zip: Facility ID: Source: Owner Name:	FARMERS PETROLEUM CO-OP INC 504 S STATE ST HART, MI 49420- 00004787 STATE OF MICHIGAN FarmersPetro Coop Inc		
I44 SSE 1/4-1/2 0.303 mi. 1602 ft.	FARMERS PETROLEUM CO-0 504 S STATE ST HART, MI 49420 Site 1 of 2 in cluster I	DP INC	LUST UST BROWNFIELDS INVENTORY BEA	U003866543 N/A
Relative: Higher Actual: 662 ft.	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude:	100 SOUTH UNION STREET 100 SOUTH UNION STREET HART, MI 49420 Hart Grand Rapids Risks Present and Require Action in Short-term Not reported 201 Not reported Pearson, Darlene 43.701067 -86.358973		
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
	100 SOUTH UNION STREET District: Date Received: Submitter Name: Petition Determination: Petition Disclosure: Category: Determination 20107A: Reviewer: Division Assigned: Location ID: Submittal Type: Submittal Type: Submittal Number: Approval Status: Workflow Status: Date Submitted: Date Completed: Township: Work Unit: Comments: Organization: Contact: Contact Type:	Continued) Grand Rapids 01/15/2003 City of Hart No Request 0 N No Request obrient1 ERD Not reported Not repor		S105768623

Database(s)

EDR ID Number EPA ID Number

FARMERS PETROLEUM CO-OP INC (Continued)

Owner Address: Not reported UNKNOWN, MI Owner City,St,Zip: Owner Contact: Not reported Owner Phone: Not reported Country: USA Grand Rapids District: Farmers Petroleum Cooperative Inc Site Name: 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: FARMERS PETROLEUM CO-OP INC Name: 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 48909-8460 Owner Zip: Not reported **Owner Contact:** 5173237000 **Owner Phone:** Contact: Not reported Contact Phone: Not reported Not reported Date of Collection: Not reported Accuracy: Horizontal Datum: Not reported Accuracy Value Unit: Not reported Not reported Source: Not reported Point Line Area: Desc Category: Not reported Method of Collection: Not reported District: Not reported NRT5 Tank ID: Capacity: 500 Tank Status: Non-Registered Tank Substance: Not reported Install Date: Not reported

Database(s)

EDR ID Number EPA ID Number

FARMERS PETROLEUM CO-OP INC (Continued)

RMERS PETROLEUM CO-OP INC	(Continued)
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: Latitude:	Not reported Not reported
Longitude:	Not reported
Longhado.	Notroponou
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:	
Owner Name:	FARMERS PETRO COOP INC
Owner Address: Owner City:	PO BOX 30960 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: Method of Collection:	Not reported 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: Pipe Release Detection:	Not reported 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
-	

Database(s)

EDR ID Number EPA ID Number

FARMERS PETROLEUM CO-OP INC (Continued)

Owner Name: Owner Address: Owner City: Owner State: MI Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: FEET Source: Point Line Area: POINT Desc Category: Method of Collection: District: Tank ID: 3 550 Capacity: Tank Status: Substance: Gasoline Install Date: Remove Date: Tank Number: Tank Details Compartments: Tank Release Detection: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: 43.69758 Longitude: Name: Address: City,State,Zip: Facility Type: CLOSED Facility ID: **Owner Name:** Owner Address: Owner City: **Owner State:** MI Owner Zip: Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: FEET Source: Point Line Area: POINT Desc Category:

Method of Collection:

FARMERS PETRO COOP INC PO BOX 30960 LANSING 48909-8460 Not reported 5173237000 WAYNE GAY (517) 323-7000 01/11/2001 STATE OF MICHIGAN Plant Entrance (Freight) Address Matching-House Number Region 3 - Grand Rapids District Office Removed from Ground 04/29/1961 06/08/1988 Not reported -86.36371 FARMERS PETROLEUM CO-OP INC 504 S STATE ST HART 49420-1231 00004787 FARMERS PETRO COOP INC PO BOX 30960 LANSING 48909-8460 Not reported 5173237000 WAYNE GAY (517) 323-7000 01/11/2001 STATE OF MICHIGAN Plant Entrance (Freight) Address Matching-House Number

Database(s)

EDR ID Number EPA ID Number

FARMERS PETROLEUM CO-OP INC (Continued)

District: Region 3 - Grand Rapids District Office Tank ID: 2 Capacity: 550 Tank Status: Removed from Ground Substance: Gasoline 04/29/1961 Install Date: 06/08/1988 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Not reported Piping Material: Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.69758 Longitude: -86.36371 FARMERS PETROLEUM CO-OP INC Name: Address: 504 S STATE ST City,State,Zip: HART 49420-1231 Facility Type: CLOSED Facility ID: 00004787 FARMERS PETRO COOP INC Owner Name: Owner Address: PO BOX 30960 Owner City: LANSING **Owner State:** MI Owner Zip: 48909-8460 **Owner Contact:** Not reported Owner Phone: 5173237000 WAYNE GAY Contact: Contact Phone: (517) 323-7000 Date of Collection: 01/11/2001 Accuracy 100 NAD83 Horizontal Datum: Accuracy Value Unit: FEET Source: STATE OF MICHIGAN Point Line Area: POINT Plant Entrance (Freight) Desc Category: Method of Collection: Address Matching-House Number District: Region 3 - Grand Rapids District Office Tank ID: 1 Capacity: 1000 Removed from Ground Tank Status: Substance: Gasoline 04/29/1961 Install Date: Remove Date: 06/08/1988 Tank Number: Not reported Tank Details Compartments: Not reported Not reported Tank Release Detection: 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

Database(s)

EDR ID Number EPA ID Number

FARMERS PETROLEUM CO-OP INC (Continued)

BROWNFIELDS: FARMER'S PETROLEUM Name: 504 S. STATE STREET Address: City,State,Zip: HART, MI Facility ID: 00004787 Region: Status: Not reported Not reported Properry Use: 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 Not reported Approved Amount: Grant Award Amount: Not reported Loan Award Amount: Not reported Waterfront Award Amount: Not reported Brownfield Site Assessment: Not reported Not reported Development Type: Prior Use: Not reported Contaminants: Not reported INVENTORY: Name: Address:

FARMERS PETROLEUM CO-OP INC 504 S STATE ST HART, MI 49420 Hart Grand Rapids Risks Present and Require Action in Long-term Farmers Petroleum Cooperative Inc 213 Open Knoerr, Paul 43.69758 -86.363719

BEA:

City,State,Zip: Township:

Data Source:

Release Status: Project Manager:

Regulatory Program:

Lust Name:

Latitude:

Longitude:

District:

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:

FARMERS PETROLEUM CO-OP INC 504 S STATE ST HART, MI 49420 Not reported Not reported Not reported 11/21/2003 Not reported 00004787 **Baseline Environmental Assessment** B200301313GR

Database(s)

EDR ID Number EPA ID Number

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
	TAKEN: None at this time.
Organization:	Resurrection Properties, LLC
Contact:	Mark Anderson
Contact Type:	Submitter Contact

FARMERS PETROLEUM CO-OP INC (Continued)

145	504 SOUTH STATE STREET
SSE	504 SOUTH STATE STREET
1/4-1/2	HART, MI 49420

0.303 mi. 1602 ft. Site 2 of

2 ft. Site 2 of 2 in cluster I

Relative: Higher	BEA: Name:
Actual:	Address:
683 ft.	City,State,Zip:
	Secondary Address: BEA Number:

504 SOUTH STATE STREET 504 SOUTH STATE STREET HART, MI 49420 Not reported 1313 BEA S106096693 N/A

TC7142167.2s Page 92

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	504 SOUTH STATE STREET (Co	ontinued)	S106096693
	District:	Grand Rapids	3100030033
	Date Received:	11/21/2003	
	Submitter Name:	Gayle Forner	
	Petition Determination:	No Request	
	Petition Disclosure:	0	
	Category:	Ν	
	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: Work Upit:	Not reported	
	Work Unit: Comments:	Not reported	
	Organization:	Not reported Not reported	
	Contact:	Not reported	
	Contact Type:	Not reported	
North 1/4-1/2	, MI 48933	I LAKE PROPERTY , LOCATED BETWEEN	BEA N/A
0.361 mi. 1908 ft.	, 111 40000		
0.361 mi.	INVENTORY:		
0.361 mi. 1908 ft.		NORTH STATE STREET & HART LAKE PR	OPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative:	INVENTORY: Name: Address:	NORTH STATE STREET & HART LAKE PR	
0.361 mi. 1908 ft. Relative: Higher	INVENTORY: Name: Address: City,State,Zip:	NORTH STATE STREET & HART LAKE PR MI 49420	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578	
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART	OPERTY
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN
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0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported Not reported Not reported O5/19/2010	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported Not reported O5/19/2010 Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported Not reported O5/19/2010 Not reported Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure: Category:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN
0.361 mi. 1908 ft. Relative: Higher Actual:	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude: BEA: Name: Address: City,State,Zip: Secondary Address: BEA Number: District: Date Received: Submitter Name: Petition Determination: Petition Disclosure:	NORTH STATE STREET & HART LAKE PR MI 49420 Hart Grand Rapids Risks Not Determined Not reported 201 Not reported Hopkins, Heather 43.70824052 -86.36432578 NORTH STATE STREET & HART NORTH STATE STREET & HART MI 48933 Not reported Not reported	OPERTY LAKE PROPERTY LOCATED BETWEEN

EDR ID Number Database(s) EPA ID Number

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 ne or in part, and assessment of the available information ind imminent, ongoing or evident future significant risk exists. is for property that was as an orchard. Arsenic was found of around 20 samples at a depth of 0-1' with a concentratio ug/kg.	licates no The BEA in one soil
Organization:	0 0	
Organization: Contact:	JPMorgan Chase Bank, N.A. Not reported	
Contact: Contact Type:	Submitter Contact	
Contact Type.	Submitter Contact	
Name:	NORTH STATE STREET & HART LAKE PROPERTY LO	
Address:	NORTH STATE STREET & HART LAKE PROPERTY , LO	CATED 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 her CONCLUSION: BEA identifies a new concern, in whole or assessment of the available information indicates no immi or evident future significant risk exists. FURTHER ASSES	in part, and nent, ongoing SMENT,
	NOTIFICATION, AND/OR MITIGATION ACTION TO BE 1 Metals, PNAs and Xylene in the soils and Xylenes, Ethylbo 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 LO	CATED BETWEEN
Address:	NORTH STATE STREET & HART LAKE PROPERTY	
City,State,Zip:	MI 48933	

Not reported

Not reported

EDR ID Number Database(s) EPA ID Number

S127501324

NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN (Continued)

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: Organization: Contact: Contact Type: 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:

Secondary Address:

Not reported 03/01/1999 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 & R Land Co., L.L.C. Bryan Bench Submitter Contact NORTH STATE STREET & HART LAKE PROPERTY LOCATED BETWEEN NORTH STATE STREET & HART LAKE PROPERTY MI 48933 Not reported Not reported Not reported 05/19/2010 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

Contact:

MAP FINDINGS

EDR ID Number Database(s) 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. JPMorgan Chase Bank NA Sharon Valverde Organization: Contact Type: Submitter Contact

J47 SSE 1/4-1/2 0.431 mi. 2277 ft.	DAVES PARTY STORE 408 WOOD ST HART, MI 49420 Site 1 of 3 in cluster J	LUST S1186158 BEA N/A Financial Assurance	50
Relative: Higher	LUST: Name:	DAVES PARTY STORE	
Actual:	Address:	408 WOOD ST	
685 ft.	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 USA	
	Country: 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: Senate District:	Not reported	
	House District:	Not reported	
	US Congressional District:	Not reported	
	03 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	

HART, MI 49420

Database(s)

EDR ID Number EPA ID Number

S118615850

DAVES PARTY STORE (Continued)

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: Organization: Contact: Contact Type: 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:

Organization: Contact: Contact Type: Not reported Not reported Not reported 04/12/2019 Not reported 00035885 **Baseline Environmental Assessment** 00035885-BEA-1 **RRD** Received Submitted 2019-04-12 15:39:43 4/9/2019 Hart Grand Rapids 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. Shelby State Bank Fisher II, Robert, M **Prospective Owner** DAVES PARTY STORE 408 WOOD ST HART, MI 49420 Not reported Not reported Not reported 04/12/2019 Not reported 00035885 **Baseline Environmental Assessment** 00035885-BEA-1 **RRD** Received Submitted 2019-04-12 15:39:43 4/9/2019 Hart Grand Rapids 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. Michigan Consulting and Environmental Lawrence, Clyde Kelley Consultant

Database(s)

EDR ID Number EPA ID Number

S118615850

DAVES PARTY STORE (Continued)

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: Organization: Contact: Contact Type: 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:

Organization:

DAVES PARTY STORE 408 WOOD ST HART, MI 49420 Not reported Not reported Not reported 04/12/2019 Not reported 00035885 **Baseline Environmental Assessment** 00035885-BEA-2 **RRD** Received Submitted 2019-04-12 15:45:08 4/9/2019 Hart Grand Rapids 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. Michigan Consulting and Environmental Lawrence, Clyde Kelley Consultant DAVES PARTY STORE 408 WOOD ST HART, MI 49420 Not reported Not reported Not reported 04/12/2019 Not reported 00035885 **Baseline Environmental Assessment** 00035885-BEA-2 **RRD** Received Submitted 2019-04-12 15:45:08 4/9/2019 Hart Grand Rapids 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. A Preet, LLC

Database(s)

EDR ID Number **EPA ID Number**

S118615850

DAVES PARTY STORE (Continued)

Contact:	
Contact Type:	

Kaur, Manpreet Prospective Owner/Operator

FINANCIAL ASSURANCE 3: Name: Address: City,State,Zip: Facility ID: Exempt: Expiration Date: Bond Rating Tests: Commerical Insurance: Guarantee: Letter of Credit: **Risk Retention Group:** Self Insurance: State Funds: Surety Bond:

Trust Funds:

Year:

DAVES PARTY STORE 408 WOOD ST HART, MI 49420-1350 00035885 No 03/28/2023 Not reported Not reported Not reported Not reported Not reported Not reported CHECKED Not reported Not reported 2022

J48 SSE 1/4-1/2 0.431 mi. 2277 ft.	DAVES PARTY STORE 408 WOOD ST HART, MI 49420 Site 2 of 3 in cluster J		INVENTORY	S1222 N/A
Relative: Higher Actual: 685 ft.	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude:	DAVES PARTY STORE 408 WOOD ST HART, MI 49420 Hart Grand Rapids Risks Present and Require Action in Long-term Daves Party Store 213 Open Knoerr, Paul 43.696747 -86.360988		
J49 SSE 1/4-1/2 0.437 mi. 2307 ft.	STOKELY USA INC 409 WOOD ST HART, MI 49420 Site 3 of 3 in cluster J		LUST UST NPDES WDS	U0023 N/A
Relative: Higher Actual: 685 ft.	LUST: Name: Address: City,State,Zip: Facility ID: Source: Owner Name: Owner Address: Owner City,St,Zip:	STOKELY USA INC 409 WOOD ST HART, MI 49420- 00004355 STATE OF MICHIGAN StokelyUSA Inc Not reported UNKNOWN, MI		

251596

2302861

Database(s)

EDR ID Number EPA ID Number

STOKELY USA INC (Continued)

	,
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Grand Rapids
Site Name:	Stokely Usa
	43.69625
Latitude:	
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
Holdado Globod Dato.	02,10,1000
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 Zin:	
Owner Zip:	53066-4829
Owner Contact:	53066-4829 Not reported
·	
Owner Contact:	Not reported
Owner Contact: Owner Phone: Contact:	Not reported 4145671731 Not reported
Owner Contact: Owner Phone: Contact: Contact Phone:	Not reported 4145671731 Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection:	Not reported 4145671731 Not reported Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy:	Not reported 4145671731 Not reported Not reported Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum:	Not reported 4145671731 Not reported Not reported Not reported Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit:	Not reported 4145671731 Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source:	Not reported 4145671731 Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area:	Not reported 4145671731 Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category:	Not reported 4145671731 Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category: Method of Collection:	Not reported 4145671731 Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category:	Not reported 4145671731 Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category: Method of Collection:	Not reported 4145671731 Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category: Method of Collection: District: Tank ID:	Not reported 4145671731 Not reported Not reported
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category: Method of Collection: District: Tank ID: Capacity:	Not reported 4145671731 Not reported Not reported 3 10000
Owner Contact: Owner Phone: Contact: Contact Phone: Date of Collection: Accuracy: Horizontal Datum: Accuracy Value Unit: Source: Point Line Area: Desc Category: Method of Collection: District: Tank ID: Capacity: Tank Status:	Not reported 4145671731 Not reported Not reported 3 10000 Currently In Use
Owner Contact: Owner Phone: Contact: Contact Phone: 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:	Not reported 4145671731 Not reported Not reported 3 10000 Currently In Use Other(#6 FUEL OIL)
Owner Contact: Owner Phone: Contact: Contact Phone: 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:	Not reported 4145671731 Not reported Not reported 3 10000 Currently In Use Other(#6 FUEL OIL) 1961-03-04 00:00:00
Owner Contact: Owner Phone: Contact: Contact Phone: 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:	Not reported 4145671731 Not reported Not reported 3 10000 Currently In Use Other(#6 FUEL OIL)

Database(s)

EDR ID Number EPA ID Number

STOKELY USA INC (Continued)

Tank Details Compartments:

Tank Release Detection: Pipe Release Detection: Piping Material: Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name: Address: City,State,Zip: Facility Type: Facility ID: **Owner Name:** Owner Address: Owner City: Owner State: Owner Zip: **Owner Contact:** Owner Phone: Contact: Contact Phone: 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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: Name:

Name: Address: City,State,Zip: Facility Type: Facility ID: Owner Name: Owner Address:

Not reported Not reported Not reported Galvanized Steel Not reported Asphalt Coated or Bare Steel Not reported Not reported Not reported STOKELY USA INC 409 WOOD ST HART 49420-1351 CLOSED 00004355 STOKELY USA INC 1055 CORPORATE CENTER DR OCONOMOWOC WI 53066-4829 Not reported 4145671731 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 2 500 Removed from Ground Gasoline 03/04/1981 04/01/1990 Not reported 43.69625 -86.36108 STOKELY USA INC 409 WOOD ST

409 WOOD ST HART 49420-1351 CLOSED 00004355 STOKELY USA INC 1055 CORPORATE CENTER DR

Database(s)

EDR ID Number **EPA ID Number**

STOKELY USA INC (Continued)

Owner City: Owner State: Owner Zip: Owner Contact: **Owner Phone:** Contact: Contact Phone: 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: Pipe Release Detection: **Piping Material:** Piping Type: Tank Construction: Impressed Device: Latitude: Longitude: MI NPDES:

Name: Address: City,State,Zip: Permit Number: Permitee PO Box: Permitee Email: Issue Date: Effective Date: Expiration Date: Permittee Name: Permittee Address: Permittee Addr2: Permittee City,St,Zip: Permit Type: Facility Name 2: Facility Name 3: Facility Name 4: **Designed Name:** Latitude: Lat Direction: Lat Type Code: Longitude: Lon Direction:

OCONOMOWOC WI 53066-4829 Not reported 4145671731 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 03/04/1966 04/01/1990 Not reported 43.69625 -86.36108 INDIAN SUMMER CO-OP-HART 409 WOOD STREET HART, MI 49420 MI0001309

N Not reported 09/30/2014 11/01/2014 10/01/2016 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

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

U002302861

Elevation	Site			Database(s)	EPA ID Numbe
	STOKELY USA INC (Continued	I)			U002302861
	Lon Type Code: Hydrologic Unit Code: Permit Status: COC Permit Category: DEQ District Email: DEQ Permit Compliance Ma		LON 4050007 Extended Industrial/Commercial Grand Rapids Laura Mathews		
	DEQ Permit Compliance Ma	anager Email:	mathewsl2@michigan.gov		
	WDS:				
	Name: Address: City,State,Zip: Site Id: WMD Id: Site Specific Name: Mailing Address: Mailing City/State/Zip: Mailing County:	STOKLEY 409 WOOD HART, MI MIG00002 451009 STOKLEY PO BOX 1 49420 OCEANA	D ST 49420 4469 USA		
50	GRISWOLD STREET AT JOHNS		HART, MI 49420	INVENTORY	S123643094
ESE 1/4-1/2 0.489 mi. 2581 ft.	GRISWOLD STREET AT JOHNS HART, MI 49420	SON STREET			N/A
Relative: Higher	INVENTORY: Name:	GRISW	OLD STREET AT JOHNSON STREET, HA	ART, MI 49420	
Actual:	Address: City,State,Zip:		OLD STREET AT JOHNSON STREET MI 49420		
668 ft.	Township:	Not rep			
	District:	Grand F			
	Data Source:		ot Determined		
	Lust Name:	Not rep	orted		
	Regulatory Program:	201			
	Release Status:	Not rep			
	Project Manager:	Pawlosl			
	Latitude: Longitude:	43.6988 -86.356			
51	HART PRISONER-OF-WAR CAM	ИР		FUDS	1024900300
SSW 1/2-1 0.821 mi. 4336 ft.	HART, MI				N/A
Relative:	FUDS:				
Higher	EPA Region:		05		
Actual:	Installation ID:		MI59799F684200		
713 ft.	Congressional District Num	per:	2		
	Name:		HART PRISONER-OF-WAR CAMP		
	FUDS Number:		E05MI0027		
	City:		HART		
	State:		MI		
	County: Object ID:		OCEANA 6835		
	USACE Division:		Ird		

EDR ID Number Database(s) EPA ID Number

	HART PRISONER-OF-WAR CAMP (Continued)			1024900300	
	USACE District: Status: Current Owner: EMS Map Link: Eligibility: Has Projects: NPL Status: Property History:	Irl Properties without projects Not reported https://fudsportal.usace.army.mil/ems/invente Ineligible No Not on the NPL Not reported	ory/map?id=5659	95	
	Project Required: Feature Description:	No 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 INVENTORY	S105965691 N/A	
Relative:	PART 201:				
Higher Actual: 707 ft.	Facility ID: Facility Status: Source: SAM Score: SAM Score Date: Township: Range: Section: Quarter: Quarter: Pollutants:	6400005 Interim Response conducted Road Commission 22 11/09/2005 15N 17W 20 NE NW Benzene; Cl; Ethylbenzene; Toluene; Xylenes			
	INVENTORY: Name: Address: City,State,Zip: Township: District: Data Source: Lust Name: Regulatory Program: Release Status: Project Manager: Latitude: Longitude:	OCEANA CO RD COMM HART 3501 WEST POLK ROAD HART, MI 49420 Hart Grand Rapids Risks Present and Require Action in Short-term Not reported 201 Not reported Pearson, Darlene 43.688179 -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 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

NPL Site Boundaries

Sources:

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

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 6 Telephone: 214-655-6659

EPA Region 7 Telephone: 913-551-7247

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

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 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

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 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	Source
Date Data Arrived at EDR: 06/24/2021	Teleph
Date Made Active in Reports: 09/20/2021	Last E
Number of Days to Update: 88	Next S

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 know 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 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 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 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

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 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

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 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

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 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

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: 05/16/2022Source: Department of the NavyDate Data Arrived at EDR: 05/19/2022Telephone: 843-820-7326Date Made Active in Reports: 07/29/2022Last EDR Contact: 08/03/2022Number of Days to Update: 71Next Scheduled EDR Contact: 11/21/2022Data 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 Date Data Arrived at EDR: 05/24/2022 Date Made Active in Reports: 07/29/2022 Number of Days to Update: 66 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 08/17/2022 Next Scheduled EDR Contact: 12/05/2022 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/14/2022 Date Data Arrived at EDR: 06/15/2022 Date Made Active in Reports: 06/21/2022 Number of Days to Update: 6

Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 09/20/2022 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 Telephone: 517-284-5103 Date Data Arrived at EDR: 10/31/2013 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 Date Data Arrived at EDR: 06/21/2022 Date Made Active in Reports: 09/09/2022 Number of Days to Update: 80

Source: Department of Environment, Great Lakes, and Energy Telephone: 517-335-4035 Last EDR Contact: 09/20/2022 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.

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 T LUSTs on Indian land in Iowa, Kansas, and N		
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 T Leaking underground storage tanks located or	anks on Indian Land n 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 T LUSTs on Indian land in Colorado, Montana, N	anks on Indian Land 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

F	EMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground store	age tanks.
	Date of Government Version: 10/14/2021 Date Data Arrived at EDR: 11/05/2021 Date Made Active in Reports: 02/01/2022 Number of Days to Update: 88	Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 09/27/2022 Next Scheduled EDR Contact: 01/16/2023 Data Release Frequency: Varies
U	ST 2: Underground Storage Tank Listing A listing of underground storage tank site loca	tions that have unknown owner information.
	Date of Government Version: 01/28/2022 Date Data Arrived at EDR: 02/01/2022 Date Made Active in Reports: 04/25/2022 Number of Days to Update: 83	Source: Department of Licensing & Regulatory Affairs Telephone: 517-373-1820 Last EDR Contact: 10/04/2022 Next Scheduled EDR Contact: 01/23/2023 Data Release Frequency: Varies
U		's are regulated under Subtitle I of the Resource Conservation and Recovery tate department responsible for administering the UST program. Available
	Date of Government Version: 04/30/2022 Date Data Arrived at EDR: 05/12/2022 Date Made Active in Reports: 08/02/2022 Number of Days to Update: 82	Source: Department of Licensing & Regulatory Affairs Telephone: 517-373-1820 Last EDR Contact: 08/08/2022 Next Scheduled EDR Contact: 11/21/2022 Data Release Frequency: Annually
A	ST: Aboveground Tanks Registered Aboveground Storage Tanks.	
	Date of Government Version: 03/22/2022 Date Data Arrived at EDR: 05/17/2022 Date Made Active in Reports: 05/31/2022 Number of Days to Update: 14	Source: Department of Licensing & Regulatory Affairs Telephone: 517-373-1820 Last EDR Contact: 08/03/2022 Next Scheduled EDR Contact: 11/21/2022 Data Release Frequency: No Update Planned
IN		ndian Land database provides information about underground storage tanks on Indian assachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal
	Date of Government Version: 04/07/2022 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 1 Telephone: 617-918-1313 Last EDR Contact: 06/13/2022 Next Scheduled EDR Contact: 10/31/2022

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).

Data Release Frequency: Varies

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
Number of Days to Opdate. 64	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: 04/14/2022	Source: E
Date Data Arrived at EDR: 06/13/2022	Telephon
Date Made Active in Reports: 08/16/2022	Last EDR
Number of Days to Update: 64	Next Sche

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 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 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 9 Telephone: 415-972-3368 Last EDR Contact: 06/13/2022 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 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: 404-562-9424 Last EDR Contact: 06/13/2022 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: 04/11/2022SoDate Data Arrived at EDR: 06/13/2022TeDate Made Active in Reports: 08/16/2022LaNumber of Days to Update: 64Ne

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 06/13/2022 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 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: 303-312-6137 Last EDR Contact: 06/13/2022 Next Scheduled EDR Contact: 10/31/2022 Data Release Frequency: Varies

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

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 Lisitng

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 Date Data Arrived at EDR: 04/26/2022 Date Made Active in Reports: 07/19/2022 Number of Days to Update: 84 Source: Department of Environment, Great Lakes, and Energy Telephone: 517-373-4805 Last EDR Contact: 07/21/2022 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, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/18/2022 Date Data Arrived at EDR: 04/22/2022 Date Made Active in Reports: 07/13/2022 Number of Days to Update: 82 Source: Economic Development Corporation Telephone: 888-522-0103 Last EDR Contact: 07/18/2022 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.

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.

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 Location of open dumps on Indian land.	s on Indian Lands	
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 Subtitle D Criteria.	y that does not comply with one or more of the Part 257 or Part 258	
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 Serivces, Indian Health Service Telephone: 301-443-1452 Last EDR Contact: 07/21/2022 Next Scheduled EDR Contact: 11/07/2022 Data Release Frequency: Varies	

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

DEL PART 201: Delisted List of Contaminated Sites

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

Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 08/01/2013 Date Made Active in Reports: 09/11/2013 Number of Days to Update: 41 Source: Department of Environment, Great Lakes, and Energy Telephone: 517-373-9541 Last EDR Contact: 07/22/2019 Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

Date of Government Version: 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: Quarterly

PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950a??s. 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 Date Data Arrived at EDR: 05/12/2022 Date Made Active in Reports: 08/02/2022 Number of Days to Update: 82 Source: Department of Environment, Great Lakes & Energy Telephone: 517-284-9278 Last EDR Contact: 08/08/2022 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 Date Data Arrived at EDR: 07/11/2022 Date Made Active in Reports: 09/22/2022 Number of Days to Update: 73 Source: Department of Environment, Great Lakes, and Energy Telephone: 517-241-7603 Last EDR Contact: 07/11/2022 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.

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	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/19/2022	Telephone: 202-366-4555
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 11	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	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/18/2022	Telephone: 517-373-8427
Date Made Active in Reports: 10/03/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 77	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/11/2022	Telephone: 202-528-4285
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 50	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

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 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: 10/03/2022 Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: N/A
	diation of Drycleaners Listing eaners was established in 1998, with support from the U.S

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: 08/03/2022 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 Date Data Arrived at EDR: 06/21/2022 Date Made Active in Reports: 08/31/2022 Number of Days to Update: 71 Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 09/20/2022 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 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: 07/29/2022 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 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: 08/04/2022 Next Scheduled EDR Contact: 11/14/2022 Data Release Frequency: Varies

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: 09/12/2022 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 Date Data Arrived at EDR: 08/14/2020 Date Made Active in Reports: 11/04/2020 Number of Days to Update: 82 Source: EPA Telephone: 202-566-0250 Last EDR Contact: 08/11/2022 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 Date Data Arrived at EDR: 07/18/2022 Date Made Active in Reports: 07/29/2022 Number of Days to Update: 11 Source: EPA Telephone: 202-564-4203 Last EDR Contact: 07/18/2022 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 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: 703-416-0223 Last EDR Contact: 10/05/2022 Next Scheduled EDR Contact: 12/12/2022 Data Release Frequency: Annually

RMP: Risk Management Plans

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 Date Data Arrived at EDR: 05/04/2022 Date Made Active in Reports: 05/10/2022 Number of Days to Update: 6 Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 07/14/2022 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 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: 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 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: 09/27/2022 Next Scheduled EDR Contact: 01/16/2023 Data Release Frequency: Quarterly

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 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019 Number of Days to Update: 251 Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 08/25/2022 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.

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 Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transporation, 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: 07/21/2022
Number of Days to Update: 80	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

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 Date Data Arrived at EDR: 07/27/2021 Date Made Active in Reports: 10/22/2021 Number of Days to Update: 87 Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 07/26/2022 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 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020 Number of Days to Update: 74 Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/24/2022 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: 07/26/2022SourceDate Data Arrived at EDR: 08/02/2022TelephoDate Made Active in Reports: 08/22/2022Last EDRNumber of Days to Update: 20Next Source

Source: Environmental Protection Agency Telephone: 703-603-8787 Last EDR Contact: 10/05/2022 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 1931and 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 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 36 Source: American Journal of Public Health Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 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.

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 Assessmen Mines violation and assessment information.	t Data 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 issue violation information.	ed for mines active or opened since 1971. The data also includes
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
	I mines are facilities that extract ferrous metals, such as iron ous metal mines are facilities that extract nonferrous metals, such
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 Datab Active Mines and Mineral Processing Plant op of the USGS.	ase Listing perations for commodities monitored by the Minerals Information Team
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.	

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: 05/13/2022Source: EPADate Data Arrived at EDR: 05/18/2022Telephone: (312) 353-2000Date Made Active in Reports: 05/31/2022Last EDR Contact: 08/25/2022Number of Days to Update: 13Next Scheduled EDR Contact: 12/12/2022Data 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/22/2022
Number of Days to Update: 82	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2022	Telephone: 202-564-2280
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/30/2022
Number of Days to Update: 91	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: 12/31/2020SDate Data Arrived at EDR: 01/11/2022TDate Made Active in Reports: 02/14/2022LNumber of Days to Update: 34N

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.

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		

FINANCIAL ASSURANCE 3: Financial Assurance Financial assurance information for undergrou	5
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	e 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 (Natio Water permits.	onal Pollutant Discharge Elimination System) permits and NPDES Storn
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
	ns. The UIC Program is responsible for regulating the construction, 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 activit Waste, and Liquid Industrial Waste programs	ies at facilities regulated by the Solid Waste, Scrap Tire, Hazardous
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: Dermit Compliance System	

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 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 do	wn 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 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

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 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

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 Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Source: Department of Environment, Great Lakes, and Energy Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

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

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 h facility.	azardous waste from the generator through transporters to a TSD
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

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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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

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- 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:

- Groundwater flow direction, and
 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.

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).

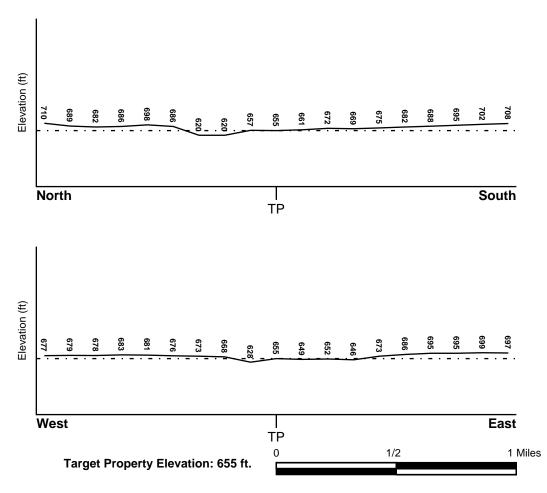
TOPOGRAPHIC INFORMATION

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.

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 HART	NWI Electronic <u>Data Coverage</u> 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 Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

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.

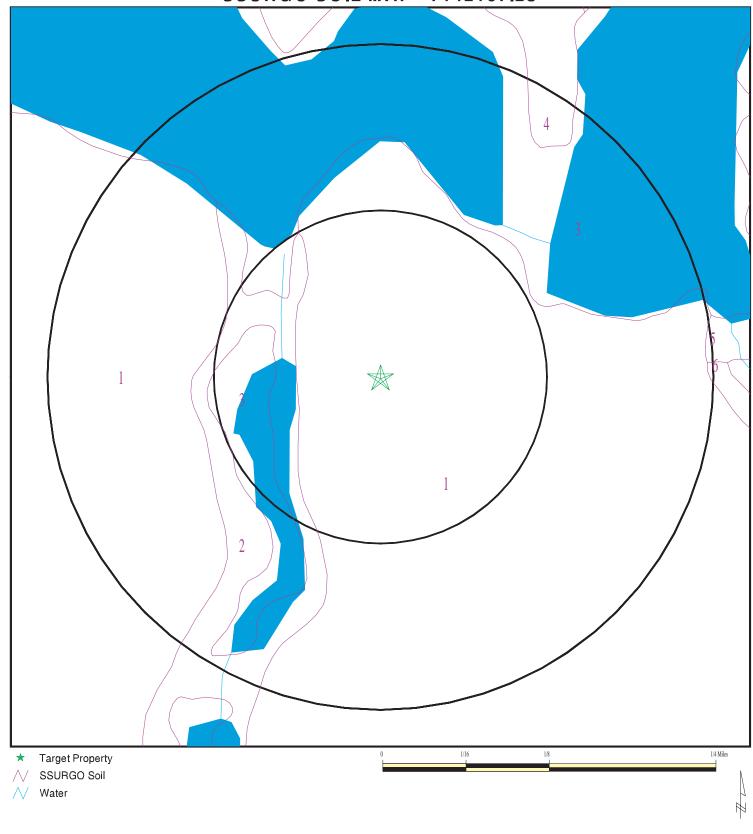
ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era:	Paleozoic	Category:	Stratified Sequence
System:	Mississippian		
Series:	Osagean and Kinderhookian Series		
Code:	M1 (decoded above as Era, System & Se	ries)	

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



SITE NAME: 3 E Main St	CLIENT: Fishbeck,Thompson,Carr & Huber
ADDRESS: 3 E Main St	CONTACT: Ariane Savoy
Hart MI 49420	INQUIRY #: 7142167.2s
LAT/LONG: 43.702508 / 86.365559	DATE: October 10, 2022 9:22 am
	Copyright © 2022 EDR, Inc. © 2015 TomTom Rel. 2015.

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								
	Bou	Indary		Classi	Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)		
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		

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								
Boundary				Classi	Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec			
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		

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

Г

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							
	Bou	Indary		Classi	(lassification	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	0011100001011	
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	

	Soil Layer Information								
	Βοι	indary		Classi	ication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
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									
	Βοι	Indary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
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		

	Βοι	indary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reactior (pH)
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

	Βοι	Indary		Classification		Saturated	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)
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

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	H DISTANCE (miles)
Federal USGS1.000Federal FRDS PWSNearestState Database1.000	PWS within 1 mile

FEDERAL USGS WELL INFORMATION

MAP ID

WELL ID

LOCATION FROM TP

FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	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

		LOCATION
MAP ID	WELL ID	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
125	MI500000700650	1/2 - 1 Mile SW
126	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
l31	MI500000700651	1/2 - 1 Mile SW
132	MI500000702859	1/2 - 1 Mile SW
133	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

STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
38	MI5000000703105	1/2 - 1 Mile NNW
K39	MI500000706093	1/2 - 1 Mile West
H40	MI500000702769	1/2 - 1 Mile NNE
N41	MI500000703124	1/2 - 1 Mile WNW
J42	MI500000702050	1/2 - 1 Mile WSW
043	MI5000000702497	1/2 - 1 Mile NE
44	MI500000700593	1/2 - 1 Mile West
44	MI500000704322	1/2 - 1 Mile West
-		
M46	MI500000700645	1/2 - 1 Mile SW
L47	MI500000700603	1/2 - 1 Mile NNE
M48	MI500000700646	1/2 - 1 Mile SSW
P49	MI500000705150	1/2 - 1 Mile SW
P50	MI500000700649	1/2 - 1 Mile SW
51	MI500000700595	1/2 - 1 Mile NNE
Q52	MI500000703347	1/2 - 1 Mile WSW
P53	MI500000700647	1/2 - 1 Mile SW
R54	MI500000704084	1/2 - 1 Mile NNW
N55	MI500000703800	1/2 - 1 Mile WNW
56	MI5000000704942	1/2 - 1 Mile ENE
M57	MI500000700665	1/2 - 1 Mile SW
O58	MI5000000706244	1/2 - 1 Mile NE
P59	MI500000700656	1/2 - 1 Mile SW
O60	MI500000700615	1/2 - 1 Mile SW
P61	MI500000700658	1/2 - 1 Mile NE
-		1/2 - 1 Mile SW
S62	MI5000000700659 MI5000000703076	
Q63		1/2 - 1 Mile WSW
64	MI500000704726	1/2 - 1 Mile NE
P65	MI500000700653	1/2 - 1 Mile SW
P66	MI500000700655	1/2 - 1 Mile SW
S67	MI500000704697	1/2 - 1 Mile SW
S68	MI500000700652	1/2 - 1 Mile SW
S69	MI500000700664	1/2 - 1 Mile SW
70	MI500000703891	1/2 - 1 Mile WNW
S71	MI500000701790	1/2 - 1 Mile SW
T72	MI500000700654	1/2 - 1 Mile SW
S73	MI500000700662	1/2 - 1 Mile SW
T74	MI500000706453	1/2 - 1 Mile SW
S75	MI500000704169	1/2 - 1 Mile SW
R76	MI500000701784	1/2 - 1 Mile NNW
U77	MI5000000702913	1/2 - 1 Mile West
78	MI500000706076	1/2 - 1 Mile NW
U79	MI500000706397	1/2 - 1 Mile West
V80	MI500000704853	1/2 - 1 Mile NNW
W81	MI500000700599	1/2 - 1 Mile NNE
X82	MI500000700663	1/2 - 1 Mile SW
X83	MI5000000703953	1/2 - 1 Mile SW
84	MI500000703927	1/2 - 1 Mile SW
W85	MI500000700600	1/2 - 1 Mile NNE
V86	MI500000706577	1/2 - 1 Mile NNW
Y87	MI5000000704919	1/2 - 1 Mile NW
Z88	MI500000700672	1/2 - 1 Mile SW
89	MI500000703856	1/2 - 1 Mile WSW
50		1/2 1 10110 11011

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

LOCATION

1/2 - 1 Mile NW 1/2 - 1 Mile West 1/2 - 1 Mile East 1/2 - 1 Mile ENE 1/2 - 1 Mile ENE 1/2 - 1 Mile SW 1/2 - 1 Mile West 1/2 - 1 Mile East 1/2 - 1 Mile NW 1/2 - 1 Mile NE 1/2 - 1 Mile NNE 1/2 - 1 Mile SW 1/2 - 1 Mile SW 1/2 - 1 Mile North 1/2 - 1 Mile North 1/2 - 1 Mile SW 1/2 - 1 Mile SW 1/2 - 1 Mile East 1/2 - 1 Mile NNE 1/2 - 1 Mile NNW 1/2 - 1 Mile NNE 1/2 - 1 Mile West

FROM TP

STATE DATABASE WELL INFORMATION

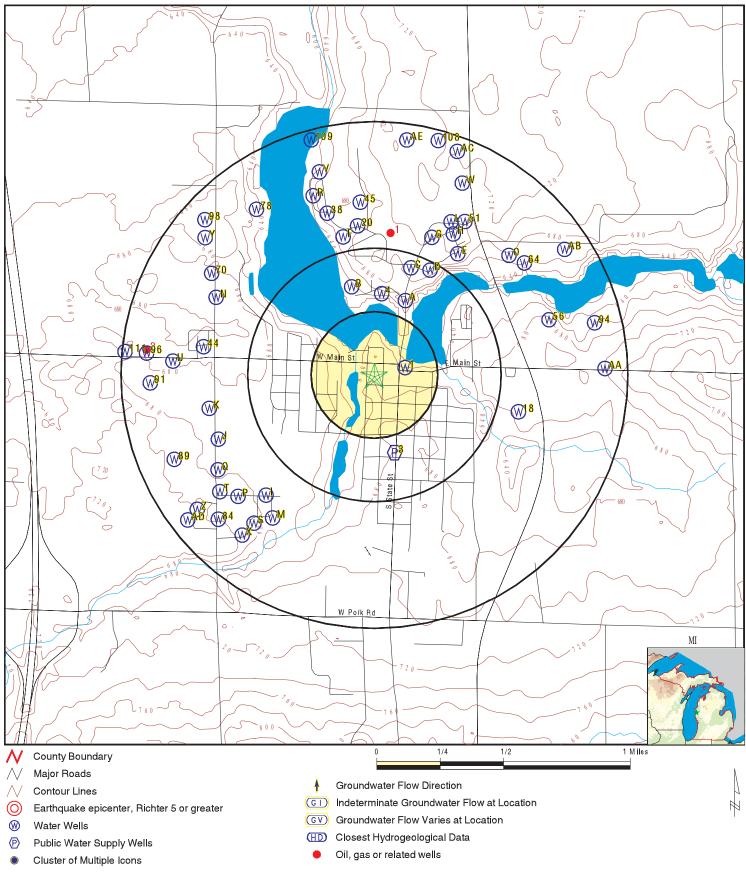
MAP ID	WELL ID
MAP ID	WELL ID
90	MI500000703621
91	MI500000706092
AA92	MI500000700612
AB93	MI500000700616
94	MI500000705917
Z95	MI500000706085
96	MI50000070685
AA97	MI500000704851
98	MI500000706147
AB99	MI500000706147
AC100	MI50000070494
AD101	MI500000704494
AD102	MI500000704494
AE103	MI500000704112
AE104	MI500000704112
AD105	MI500000702727
AD106	MI500000703794
AA107	MI500000705144
108	MI500000703377
109	MI500000702337
AC110	MI500000706308
111	MI500000706592

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



SITE NAME: ADDRESS: LAT/LONG:	 CONTACT:	Fishbeck,Thompson,Carr & Huber Ariane Savoy 7142167.2s October 10, 2022 9:22 am
	0	what @ 2022 EDD Jack @ 2015 TeamTeam Del 2015

Map ID Direction Distance Elevation

istance levation			Database	EDR ID Numb
NE - 1/8 Mile ower			MI WELLS	MI50000070065
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	6400001808 FATSEAS, DOROTHY Household Not Reported 0 64-0407 Not Reported Steel-black 2 118 0 0 20 N 640 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	122 Not Not ROT 1986	Reported Reported Reported ARY 50814 Reported
E - 1/2 Mile ver			MI WELLS	MI50000070060
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted:	64000001755 WADEL, RICK Heat Pump Not Reported 0 64-1743 Not Reported PVC Plastic 5 50 41 41 12 Y	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm):	60 Not Not ROT 1988	Reported Reported Reported ARY 90226 Reported

3	
SSE	
1/4 - 1	/2 Mile
Highe	r

Epa region: Pwsid: Cityserved: Zipserved: Status: Pwssvcconn: Pwstype: 05 MI0003060 Not Reported Not Reported Active 884 CWS

FRDS PWS

State: Pwsname: Stateserved: Fipscounty: Retpopsrvd: Psource longname: Owner: MI HART MI 26127 1915 Groundwater Local_Govt

Contact: Contactphone: Contactaddress2: Contactstate: Pwsactivitycode:	RICKARD, STAN 231-873-2488 Not Reported MI A	Contactorgname: Contactaddress1: Contactcity: Contactzip:	RICKARD, STAN 407 State Street HART 49420
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: PWS name: PWS city: PWS zip: Activity status: Date system deactivated: System name: System address: System state:	MI0003060 Not Reported Not Reported Active Not Reported HART 218 WASHINGTON STREET MI	PWS type: PWS address: PWS state: PWS ID: Date system activated: Retail population: System address: System city: System zip:	Not Reported Not Reported Not Reported MI0003060 Not Reported 00001942 CITY OF HART HART 49420
Population served:	1,001 - 2,500 Persons	Treatment:	Untreated
Latitude:	434153	Longitude:	0862150

4

North 1/4 - 1/2 Mile Lower

- Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):
- BRUNIX, ADAM Household Not Reported 0 64-0407 Not Reported Unknown 2 100 50 0 0 Υ

659

0

64000001754

MI WELLS MI500000700604

Not Reported

Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Ν Test Hours: 0 Test Method: Pump Capacity (gpm): 0 Specific Capacity: 0

109 Not Reported Not Reported Not Reported ROTARY 19670127 Not Reported 100 109 UNK

Α5 NNE 1/4 - 1/2 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID:

6400001757 REID, WILLIAM Household Not Reported 0 64-1587

Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method:

Not Reported 120 Not Reported Not Reported Not Reported ROTARY

MI500000700607

MI WELLS

Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):

Not Reported **PVC Plastic** 5 110 20 80 20 Υ 650 0

Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:

19900822 Not Reported 120 120 Ν 1 UNK 0 0

MI WELLS MI500000700610

64000001760 Well ID: 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 HART WELL #7 (Hardy #2) Water Supply Serial #: 3060 Well #: Drill Method: Driller ID: Not Reported 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: Ν 0 Test Drawdown Depth: Test Hours: 0 Test Water Flow Rate: 0 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0 636 0 Elevation (ft): Specific Capacity: Rock Top (ft): 0

B7 NNW 1/4 - 1/2 Mile Lower

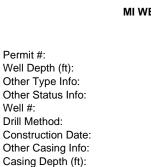
B6 NNW

1/4 - 1/2 Mile Lower

> Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):

64000001759 CITY OF HART Type I Public Active 3060 Not Reported Not Reported Unknown 8 0 10 0 0 Υ 657

0



Screen End Depth (ft):

Pump Capacity (gpm):

Specific Capacity:

Flowing:

Test Hours:

Test Method:

MI500000700609 **MI WELLS**

Not Reported 125 Not Reported Not Reported HART WELL #6 (Hardy #1) Unknown 19710101 Not Reported 0 125 Ν 0 UNK 0

Λ

Map ID Direction Distance				
Elevation			Database	EDR ID Number
C8 NNE 1/4 - 1/2 Mile Higher			MI WELLS	MI5000000704972
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000006554 ROBERT ROOINMS Household Active 0 64-1743 Not Reported PVC Plastic 5 135 65 90 15 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	145 Not I Not I ROT 2009 Not I 125 145 N 1 TSTI 15	006718 Reported Reported ARY 11115 Reported
C9 NNE 1/4 - 1/2 Mile Higher			MI WELLS	 MI500000700601
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001750 JUSKA, TONY Household Not Reported Not Reported Unknown 2 135 55 0 0 7 4 682 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	139 Not I Not I Not I Holio 1977	Reported Reported Reported ww Rod 1216 Reported
D10 NNE 1/4 - 1/2 Mile Higher			MI WELLS	MI500000704212
Well ID: Owner: Well Type:	64000005714 WILLIAM REILLY Household	Permit #: Well Depth (ft): Other Type Info:	141	05462 Reported

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: 64000005714 WILLIAM REILLY Household Active 0 64-1587 Not Reported

Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: 640005462 141 Not Reported Not Reported ROTARY 20060605

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:	Ν
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

Higher				
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:	Ν	
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

ngner			
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:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	702	Specific Capacity:	0
Rock Top (ft):	0		

MI WELLS

MI WELLS

MI500000700596

Distance Elevation			Database	EDR ID Numbe
C13 NNE 1/4 - 1/2 Mile Higher			MI WELLS	MI5000000705123
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	6400006746 Schaner, Jerry Household Active 0 64-1587 Not Reported PVC Plastic 5 162 75 90 20 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	170 Not F Not F Not F ROT 2011	07231 Reported Reported ARY 0923 Reported
E14 NE 1/2 - 1 Mile Higher			MI WELLS	MI500000700598
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001747 RUMICS, MILDRED C. Household Not Reported 0 64-0529 Not Reported Unknown 2 104 62 0 0 N 689 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	108 Not F Not F Not F ROT 1979	0831 Reported

F15 NNW 1/2 - 1 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info:

6400002943 GATEWAY MOTEL Type II Public Active 2005464 64-0407 Not Reported

Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method:

Construction Date:

Not Reported 120 Not Reported Not Reported 001 ROTARY 19740910

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:	Ν
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	65	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	261.81000000000002	Specific Capacity:	0
Rock Top (ft):	0		

F16 NNW 1/2 - 1 Mile Н

Higher				
Well ID:	6400002982	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:	Ν	
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

Well ID:
Owner:
Well Type:
Well Status:
Water Supply Serial #:
Driller ID:
Other Method Info:
Casing Type:
Casing Diameter (in):
Screen Start Depth (ft):
Static Water Level (ft):
Test Drawdown Depth:
Test Water Flow Rate:
Well Grouted:
Elevation (ft):
Rock Top (ft):

6400005397 NOEL SOBERS Household Active 0 64-1587 Not Reported **PVC Plastic** 5 150 80 130 20 Υ 699

0

MI WELLS

MI WELLS

MI500000701785

Permit #:	640005068
Well Depth (ft):	160
Other Type Info:	Not Reported
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	20050718
Other Casing Info:	Not Reported
Casing Depth (ft):	160
Screen End Depth (ft):	160
Flowing:	Ν
Test Hours:	1
Test Method:	AIR
Pump Capacity (gpm):	20
Specific Capacity:	0

Map ID Direction				
Distance Elevation			Database	EDR ID Number
18 ESE 1/2 - 1 Mile Higher			MI WELLS	MI500000706526
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000008264 AHC PROPERTIES Type III Public Active 0 41-1987 Not Reported PVC Plastic 5 178 50 120 12 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2020	Reported Reported Reported
G19 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000702524
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000003837 HABITAT FOR HUMANITY Household Active 0 64-1743 Not Reported PVC Plastic 5 126 70 95 16 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2001 Not F 99 136 N 1 TSTF 16	Reported Reported Reported ARY 1112 Reported
20 North 1/2 - 1 Mile Higher			MI WELLS	MI500000705944
Well ID: Owner: Well Type: Well Status:	64000007629 Mike Erickson Household	Permit #: Well Depth (ft): Other Type Info:		931 Reported

Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: 6400007629 Mike Erickson Household Active 0 64-1587 Not Reported

Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: 64-8931 140 Not Reported Not Reported Not Reported ROTARY 20161118

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:	Ν
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 Well ID: 6400002980 Permit #: 64-01741 DON BUSCH Well Depth (ft): Owner: 183 Well Type: Unknown Other Type Info: Not Reported Well Status: Not Reported Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported 0 Drill Method: ROTARY Driller ID: 64-1587 Other Method Info: Not Reported Construction Date: 19991210 **PVC Plastic** Other Casing Info: Casing Type: Not Reported Casing Diameter (in): 5 Casing Depth (ft): 173 Screen End Depth (ft): Screen Start Depth (ft): 173 183 Static Water Level (ft): 75 Flowing: Ν Test Drawdown Depth: 105 Test Hours: 1 Test Water Flow Rate: AIR 20 Test Method: Pump Capacity (gpm): Well Grouted: Υ 12 Elevation (ft): 600 Specific Capacity: 0 Rock Top (ft): 0

Permit #:

E22 NNE 1/2 - 1 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft):

Rock Top (ft):

6400003621 **Russell Johnson** Household Active 0 64-1587 Not Reported **PVC Plastic** 5 162 63 100 20

Υ

0

0

MI WELLS MI500000702312 64-01560 Well Depth (ft): 182 Other Type Info: Not Reported

Other Status Info: Not Reported Well #: Not Reported Drill Method: ROTARY Construction Date: 20010612 Other Casing Info: Not Reported Casing Depth (ft): 182 Screen End Depth (ft): 182 Flowing: Ν Test Hours: 1 Test Method: AIR Pump Capacity (gpm): 20 Specific Capacity: 0

TC7142167.2s Page A-24

MI WELLS MI500000701783

I/2 - 1 Mile 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 Driller ID: 64-1743 Drill Method: ROTARY Casing Diameter (n): 5 Casing Diameter (n): 107 Statice Water Level (ft): 107 Screen End Depth (ft): 107 Statice Water Level (ft): 107 Screen End Depth (ft): 107 Test Water Flow Rate: 15 Test Hours: 1 Test Water Flow Rate: 15 Test Hours: 1 Vell Grouted: Y Pump Capacity (gpm): 0 Rock Top (ft): 0 0 0 Vell Type: Household Construction Date: 20191204 Vell Type: Household Other Type Info: Not Reported Owner: JAMES & PATRICIA DENISON Well Type: Not Reported Owner: JAMES & PATRICIA DENISON Well #: Not Rep	Elevation			Database	EDR ID Numbe
igher Weil ID: 6400001756 Permit #: Not Reported Owner: DUNN, ROBERT Weil Depth (ft): 127 Weil Type: Household Other Type Info: Not Reported Weil Status: Not Reported Other Type Info: Not Reported Water Supply Serial #: 0 G4-1743 Drill Method: ROTARY Other Mathod Info: Not Reported Construction Date: 19900601 Casing Diameter (in): 5 Casing Depth (ft): 107 Static Water Level (ft): 77 Test Hours: 1 Test Water Flow Rate: 15 Test Method: UNK Weil Grouted: Y Pump Capacity (gpm): 0 Reverse: JAMES & PATRICIA DENISON Weil Depth (ft): 164 Weil ID: 644000008083 Permit #: Not Reported Owner: JAMES & PATRICIA DENISON Weil Depth (ft): 164 Weil ID: 6440020 Other Type Info: Not Reported Owner: JAMES & PATRICIA DENISON Weil Depth (ft):	NE			MI WELLS	MI50000070060
Owner: DUNN, ROBERT Well Depth (ft): 127 Well Status: Household Other Type Info: Not Reported Well Status: Not Reported Other Status Info: Not Reported Well Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Test Drawdown Depth: 107 Screen End Depth (ft): 127 Static Water Flow Rate: 15 Test Method: UNK Well Couted: Y Pump Capacity (gpm): 0 Reverted Y Pump Capacity (gpm): 0 Reverted Other Status Info: Not Reported Well Type: Household Other Status Info: Not Reported Well Couted: Y Pump Capacity: 0 Well Type: Household Other Status Info: Not Reported Well Type: Household Other Status Info					
Owner: DUNN, ROBERT Weil Depth (ft): 127 Weil Type: Household Other Type Info: Not Reported Weil Status: Not Reported Other Type Info: Not Reported Weil Status: Not Reported Other Status Info: Not Reported Other Method Info: Not Reported Construction Date: 19300601 Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Test Hours:: 1 Test Drawbom Depth: 77 Test Hours:: 1 Test Drawbom Depth: 77 Test Hours:: 1 Test Drawbom Depth: 6400000803 Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Weil Depth (ft): 164 Other Status Info: Not Reported Other Casing Type Info: Not Reported Owner: JAMES & PATRICIA DENISON Weil Depth (ft	Well ID:	64000001756	Permit #:	Not F	Reported
Well Status: Not Reported Other Status Info: Not Reported Water Supply Serial #: 0 0 Well #: Not Reported Other Method Info: Not Reported Construction Date: 19900601 Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Diameter (in): 5 Casing Depth (ft): 107 Screen Stat Depth (ft): 77 Test Hours: 1 Test Drawbom Depth: 77 Test Hours: 1 Test Water Flow Rate: 15 Test Method: UNK Vell Grouted: Y Pump Capacity (gpm): 0 Rock Top (ft): 0 0 Elevation (ft): 64000008083 Well Type: Household Other Type Info: Not Reported Well Status: Active Other Type Info: Not Reported Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Type: Household Other Type Info:	Owner:	DUNN, ROBERT	Well Depth (ft):		•
Water Supply Serial #: 0 Well #: Not Reported Driller ID: 64-1743 Drill Method: ROTARY 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 Test Drawdown Depth: 77 Flowing: N Test Water Flow Rate: 15 Test Method: UNK Well #: Nor Reported Casing Depth (ft): 107 Test Mater Depth (ft): 107 Screen End Depth (ft): 107 Test Mater Devalue Y Pump Capacity (gpm): 0 Elevation (ft): 69 Specific Capacity: 0 Rock Top (ft): 0 Other Type Info:: Not Reported Well ID: 64000008083 Permit #: 64-10280 Well Status: Active Well Tot: Not Reported Other Type Info:: Not Reported Construction Date: 20191204 Casing Type:					•
Driller ID: 64-1743 Drill Method: ROTARY Other Method Info: Nor Reported Construction Date: 19900601 Casing Diameter (in): 5 Casing Deph (ft): 107 Screen Start Deph (ft): 107 Screen Start Deph (ft): 127 Static Water Level (ft): 77 Test Hours: 1 Test Drawdown Deph: 77 Test Method: UNK Well Grouted: Y Pumposity (gpm): 0 Elevation (ft): 699 Specific Capacity: 0 Rock Top (ft): 0 Other Status: 164 Well BD: 64000008083 Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Status: Active Other Status Info: Not Reported Casing Type: PVC Plastic Construction Date: 20191204 Water Supply Serial #: 0 Well #: Not Reported Orstruction Date: 20191204 Construction Date: 20191204 Casing Type: PVC Plastic Construction Date: 20191204 Casing Type: PVC Plastic Construction Date: 20191204 Casing Type: PVC Plastic Construction Date: 201912		•			
Other Method Info: Nor 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 Motion: UNK Well Grouted: Y Pump Capacity (gpm): 0 Elevation (ft): 699 Specific Capacity: 0 Rock Top (ft): 0 0 MtWELLS Mt500000 Well Dr: 544000008083 Permit #: 64-10260 Wenr: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Status: Active Other Type Info: Not Reported Well Status: Active Other Status Info: Not Reported Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Type: Household Other Type Info: Not Reported		-			
Casing Type: PVC Plastic Other Casing Info: Not Reported Casing Dameter (in): 5 Casing Dameter (in): 107 Strate Matter Level (it): 77 Flowing: N Test Drawdown Depth: 77 Test Hours: 1 Test Drawdown Depth: 77 Test Method: UNK Well Grouted: Y Pump Capacity (gpm): 0 Rock Top (ft): 0 0 0					
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 Utater Flow Rate: 15 Test Hours: 1 Test Water Flow Rate: 15 Test Matchod: UNK Well Grouted: Y Pump Capacity (gpm): 0 Rock Top (ft): 0 0 N Viel ID: 6400008083 Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Type: Household Other Type Info: Not Reported Well Type: Household Other Status Info: Not Reported Other Method Info: Not Reported Construction Date: 20191204 Casing Diameter (in): 5 Casing Depth (ft): 15 State Water Level (ft): 15 Test Method: Not Reported Other Method Info: Not Reported Construction Date: 20191204 Casing Diameter (i					
Screen Start Depth (ft): 107 Screen End Depth (ft): 127 Static Water Level (ft): 77 Flowing: N Test Drawdown Depth: 77 Test Mouros: 1 Test Drawdown Depth: 77 Test Method: UNK Well Grouted: Y Pump Capacity (gpm): 0 Elevation (ft): 699 Specific Capacity (gpm): 0 Z4 NE 0 NI WELLS MI WELLS Mile Car Antice 0 Nile Misonoo INE 2.1 Mile Nile Misonoo Not Reported Well ID: 64000008083 Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Status: Active Other Type info: Not Reported Driller ID: 64-0407 Drill Method: Not Reported Other Method Info: Not Reported Construction Date: 20191204 Casing Diameter (in): 5 Casing Depth (ft): 159 Screeen Statu					leponed
Static Water Level (ft): 77 Flowing: N Test Drawdown Depth: 77 Test Mathod: UNK Test Water Flow Rate: 15 Test Method: UNK Well Grouted: Y Pump Capacity (gpm): 0 Static Water Level (ft): 699 Specific Capacity: 0 Rock Top (ft): 0 0 Mi WELLS Mi S00000 Z2-1 Mile Mi WELLS Mi S00000 Mi WELLS Mi S00000 Well ID: 64000008083 Permit #: 64-10260 More restatus info: Not Reported Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Not Reported Well Tope: Household Other Type Info: Not Reported Not Reported Water Supply Serial #: 0 Well #: Not Reported Not Reported Casing Type: PVC Plastic Other Type Info: Not Reported Not Reported Casing Diameter (in): 5 Casing Depth (ft): 164 Specific Capacity: Not Reported Casing Diameter			Screen End Depth (ft):		
Test Drawdown Depth: 77 Test Methours: 1 Test Water Flow Rate: 15 Test Method: UNK Well Grouted: Y Pump Capacity (gpm): 0 Specific Capacity: 0 0 0 Valid Specific Capacity: 0 0 0 Well D: 64000008083 Permit #: Not Reported Other Method Info: Not Reported 0 0 Differ ID: 64-0407 Drill Method: ROTARY Other Method Info: Not Reported Construction Date: 20191204 Casing Dipt: 1 15 Screen End Depth (ft): 154 <					
Well Grouted: Y Pump Capacity (gpm): 0 Elevation (ft): 699 Specific Capacity: 0 324 0 MI WELLS MIS00000 INE 0 MI WELLS MIS00000 324 MI MI WELLS MIS00000 INE 0 MI WELLS MIS00000 324 MI MI WELLS MIS00000 INE 0 MI WELLS MIS00000 Well D: 64000008083 Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Water Supply Serial #: 0 Other Type Info: Not Reported Casing Jameter (in): 64-0407 Drill Method: ROTARY Other Method Info: Not Reported Casing Depth (ft): 159 Screen Start Depth (ft): 159 Screen End Depth (ft): 164 Static Water Level (ft): 69 Flowring: N Test Drawdown Depth: 100 Test Hours: 1 Test Water Flow Ra	Test Drawdown Depth:	77	Test Hours:	1	
Elevation (ft): 699 Specific Capacity: 0 Size MI WELLS MI WELLS MI 500000 NNE JAMES & PATRICIA DENISON Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well JD: 64-00008083 Permit #: 64-10260 Owner: JAMES & PATRICIA DENISON Well Depth (ft): 164 Well Status: Active Other Type Info: Not Reported Water Supply Serial #: 0 Well #: Not Reported 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 Static Water Level (ft): 69 Flowing: N Test Drawdown Depth: 100 Test Method: AIR Well Grouted: Y Purm Capacity (gpm): 15 Elevation (ft): 0 Specific Capacity (gpm): 15 Well To: 64000001801 Permit #: Not Reported Well ID: <td></td> <td></td> <td></td> <td>UNK</td> <td></td>				UNK	
Rock Top (ft): 0 Number of the second s		-			
324 INE MI WELLS MI WELLS MI 500000 27.1 Mile ligher 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 Wall Status: Active Other Status Info: Not Reported Other Method Info: Not Reported Construction Date: 20191204 Casing Type: PVC Plastic Other Casing Diapeth (ft): 159 Screen Statt Depth (ft): 159 Screen End Depth (ft): 164 Static Water Level (ft): 69 Flowing: N Test Drawdown Depth: 100 Test Hours: 1 Test Tawer Flow Rate: 15 Test Method: AIR Well Grouted: Y Pump Capacity (gpm): 15 Elevation (ft): 0 O Restlust MISO0000 72 - 1 Mile Well ID: 64000001801 Permit #: Not Reported Owner: M.W. VANDERVEEN CONST. CO. Well Type: Household Other Type Info: Not Reported Well Status: Not Reported			Specific Capacity:	0	
INE igher MI WELLS MI 500000 Well ID: 6400008083 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 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 MI WELLS MI 500000 Well ID: 64000001801		0			
Owner: JAMËS & PATRICIA DENISON Well Depth (ft): 164 Well Type: Household Other Type 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 N Test Drawdown Depth: 100 Test Hours: 1 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 Specific Capacity: 0 Well ID: 64000001801 Permit #:: Not Reported Owner: M:W. VANDERVEEN CONST. CO. Well Type: Household <th>INE /2 - 1 Mile ligher</th> <th>0.400000000</th> <th>Descrit #</th> <th>-</th> <th>MI50000070635</th>	INE /2 - 1 Mile ligher	0.400000000	Descrit #	-	MI50000070635
Well Type:HouseholdOther Type Info:Not ReportedWell Status:ActiveOther Status Info:Not ReportedWater Supply Serial #:0Well #:Not ReportedDriller ID:64-0407Drill Method:ROTARYOther Method Info:Not ReportedConstruction Date:20191204Casing Type:PVC PlasticOther Casing Info:Not ReportedCasing Diameter (in):5Casing Depth (ft):159Screen Start Depth (ft):159Screen End Depth (ft):164Static Water Level (ft):69Flowing:NTest Drawdown Depth:100Test Hours:1Test Water Flow Rate:15Test Method:AIRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Rock Top (ft):64000001801Permit #::Not ReportedWell ID:64000001801Permit #::Not ReportedOwner:M:W.VANDERVEEN CONST. CO.Well Type:HouseholdWell Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported					0260
Well Status:ActiveOther Status Info:Not ReportedWater Supply Serial #:0Well #:Not ReportedDriller ID:64-0407Drill Method:ROTARYOther Method Info:Not ReportedConstruction Date:20191204Casing Type:PVC PlasticOther Casing Info:Not ReportedCasing Diameter (in):5Casing Depth (ft):159Screen Start Depth (ft):159Screen End Depth (ft):164Static Water Level (ft):69Flowing:NTest Drawdown Depth:100Test Hours:1Test Water Flow Rate:15Test Method:AllRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Rock Top (ft):0Permit #:Not ReportedWill ID:64000001801Permit #:Not ReportedOwner:M:W. VANDERVEEN CONST. CO.Well Type:HouseholdWell Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported				-	Reported
Driller ID:64-0407Drill Method:ROTARYOther Method Info:Not ReportedConstruction Date:20191204Casing Type:PVC PlasticOther Casing Info:Not ReportedCasing Diameter (in):5Casing Depth (ft):159Screen Start Depth (ft):159Screen End Depth (ft):164Static Water Level (ft):69Flowing:NTest Drawdown Depth:100Test Hours:1Test Water Flow Rate:15Test Method:AIRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Z5WWImage: State Construction Capacity (gpm):15Well ID:64000001801Permit #:Not ReportedOwner:M.W. VANDERVEEN CONST. CO.Well Type:HouseholdWell Depth (ft):50Not ReportedWell Status:Not Reported					•
Other Method Info:Not ReportedConstruction Date:20191204Casing Type:PVC PlasticOther Casing Info:Not ReportedCasing Diameter (in):5Casing Depth (ft):159Screen Start Depth (ft):159Screen End Depth (ft):164Static Water Level (ft):69Flowing:NTest Drawdown Depth:100Test Hours:1Test Water Flow Rate:15Test Method:AIRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Rock Top (ft):0MI WELLSMI500000Well ID:64000001801Permit #:Not ReportedOwner:M.W. VANDERVEEN CONST. CO.Well Type:HouseholdWell Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported	Water Supply Serial #:	0	Well #:	Not F	Reported
Casing Type:PVC PlasticOther Casing Info:Not ReportedCasing Diameter (in):5Casing Depth (ft):159Screen Start Depth (ft):159Screen End Depth (ft):164Static Water Level (ft):69Flowing:NTest Drawdown Depth:100Test Hours:1Test Water Flow Rate:15Test Method:AIRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Rock Top (ft):0Specific Capacity:0Well ID:64000001801Permit #:Not ReportedOwner:M.W. VANDERVEEN CONST. CO.Well Type:HouseholdWell Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported			Drill Method:	ROT	ARY
Casing Diameter (in):5Casing Depth (ft):159Screen Start Depth (ft):159Screen End Depth (ft):164Static Water Level (ft):69Flowing:NTest Drawdown Depth:100Test Hours:1Test Drawdown Depth:100Test Hours:1Test Water Flow Rate:15Test Method:AIRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Rock Top (ft):0MI WELLSMI500000W/Z - 1 Mile Higher64000001801Permit #:Not ReportedWell ID:64000001801Permit #:Not ReportedOwner:M.W. VANDERVEEN CONST. CO.Well Type:Household Well Status:Well Depth (ft):50Well Type:Household Well Status:		•			
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 MI WELLS MIS00000 XZ - 1 Mile 64000001801 Permit #: Not Reported Well ID: 64000001801 Permit #: Not Reported Owner: M.W. VANDERVEEN CONST. CO. Well Type: Household Well Depth (ft): 50 Well Type: Household Other Type Info: Not Reported Well Status: Not Reported	• • • •				Reported
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 MI WELLS MIS00000 /2 - 1 Mile Mile Mile Mison000 Well ID: 64000001801 Permit #: Not Reported Owner: M.W. VANDERVEEN CONST. CO. Well Type: Household Well Depth (ft): 50 Well Type: Household Other Type Info: Not Reported Well Status: Not Reported					
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 MI WELLS MIS00000 /2 - 1 Mile Igher MI WELLS MIS00000 Well ID: 6400001801 Permit #: Not Reported Owner: M.W. VANDERVEEN CONST. CO. Well Type: Household Well Depth (ft): 50 Well Type: Household Other Type Info: Not Reported Well Status: Not Reported					
Test Water Flow Rate:15Test Method:AIRWell Grouted:YPump Capacity (gpm):15Elevation (ft):0Specific Capacity:0Rock Top (ft):0Image: Specific Capacity:025Image: Specific Capacity:0Image: Specific Capacity:026Image: Specific Capacity:0Image: Specific Capacity:025Image: Specific Capacity:0Image: Specific Capacity:Image: Specific Capacity:26Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:25Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:27Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:26Image: Specific Capacity:Image: Specific Capacity:Image: Specific Capacity:Image: Specific	()		U U		
Well Grouted: Y Pump Capacity (gpm): 15 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 0 MI WELLS MIS00000 Z25 W MI WELLS MIS00000 Z25 W MI WELLS MIS00000 Well ID: 6400001801 Permit #: Not Reported Owner: M.W. VANDERVEEN CONST. CO. Well Type: Household Well Depth (ft): 50 Well Type: Household Other Type Info: Not Reported Well Status: Not Reported					
Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 0 0 0 25 W MI WELLS MI500000 /2 - 1 Mile ligher 6400001801 Permit #: Not Reported Well ID: 64000001801 Permit #: Not Reported Owner: M.W. VANDERVEEN CONST. CO. Well Type: Household Well Depth (ft): 50 Well Type: Household Other Type Info: Not Reported Well Status: Not Reported					
MI WELLS MI 500000 /2 - 1 Mile ligher ////////////////////////////////////	()	-	Specific Capacity:	0	
ligherWell ID:6400001801Permit #:Not ReportedOwner:M.W. VANDERVEEN CONST. CO.Well Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported	W			MI WELLS	 MI50000070065
Owner:M.W. VANDERVEEN CONST. CO.Well Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported	ligher	64000004904	Dormit #:		loportod
Well Depth (ft):50Well Type:HouseholdOther Type Info:Not ReportedWell Status:Not Reported			Permit #:	NOT F	серопеа
Other Type Info: Not Reported Well Status: Not Reported			Well Type:	Hous	ehold
Uner Status IIIU. INUL REPORTED WATER SUPPLY SERIAL #. U	Other Status Info:	Not Reported	Water Supply Serial #:	0	
Well #:Not ReportedDriller ID:64-0407				64-04	107

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:	Ν
Pump Capacity (gpm):	0	Elevation (ft):	679
Specific Capacity:	0	Rock Top (ft):	0

l26 SW 1/2 - 1 Mile Higher

Higher				
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:	Ν	
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

/2 - 1 Mile ligher				
Well ID:	6400007075	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:	Ν	
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			

TC7142167.2s Page A-26

MI WELLS

MI WELLS

MI500000700661

Map ID Direction				
Distance Elevation			Database	EDR ID Number
H28 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000702247
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000003551 PAM FLAHARTY Household Active 0 64-1587 Not Reported PVC Plastic 5 174 81 120 20 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2001	Reported Reported Reported
H29 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000700608
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	6400001758 LIPSKI, CRAIG Unknown Not Reported 0 64-1743 Not Reported Unknown 0 0 80 0 0 80 0 0 N 699 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	112 Not F Not F Unkr 1991	0910 Reported
H30 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000702246
Well ID: Owner: Well Type: Well Status:	64000003550 TIM WHITE Household Active	Permit #: Well Depth (ft): Other Type Info: Other Status Info:	Not F	2519 Reported Reported

Well Status: Water Supply Serial #: Driller ID: Other Method Info:

Active 0 64-1587 Not Reported

Well #:

Drill Method:

Not Reported Not Reported Unknown 20010620

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

0				
Well ID:	64000001802	Permit #:	Not Reported	
Owner:	M.W. VANDERVEEN CONST. CO.			
Well Depth (ft):	48	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:	Auger/Bored	Other Method Info:	Not Reported	
Construction Date:	19730103	Casing Type:	Unknown	
Other Casing Info:	Not Reported	Casing Diameter (in):	3	
Casing Depth (ft):	42	Screen Start Depth (ft):	42	
Screen End Depth (ft):	48	Static Water Level (ft):	25	
Flowing:	Ν	Test Drawdown Depth:	0	
Test Hours:	0	Test Water Flow Rate:	25	
Test Method:	UNK	Well Grouted:	Ν	
Pump Capacity (gpm):	0	Elevation (ft):	679	
Specific Capacity:	0	Rock Top (ft):	0	

I32 SW 1/2 - 1 Mile Higher

Higher

Well ID:
Owner:
Well Type:
Well Status:
Water Supply Serial #:
Driller ID:
Other Method Info:
Casing Type:
Casing Diameter (in):
Screen Start Depth (ft):
Static Water Level (ft):
Test Drawdown Depth:
Test Water Flow Rate:
Well Grouted:
Elevation (ft):
Rock Top (ft):

64000004176 JOHN & LOIS SULLIVAN Household Active 0 64-1587 Not Reported PVC Plastic 5 74 41 70 29 Y

0 0

MI WELLS

MI WELLS

MI500000702859

Permit #:	640003431
Well Depth (ft):	84
Other Type Info:	Not Reported
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	20021016
Other Casing Info:	Not Reported
Casing Depth (ft):	84
Screen End Depth (ft):	84
Flowing:	N
Test Hours:	1
Test Method:	UNK
Pump Capacity (gpm):	20
Specific Capacity:	0

Map ID Direction				
Distance Elevation			Database	EDR ID Number
I33 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700648
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001799 HART PUBLIC SCHOOLS Household Not Reported 0 64-0529 Not Reported Unknown 4 46 20 0 0 0 N 679 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	50 Not F Not F ROT 1980	1105 Reported
J34 WSW 1/2 - 1 Mile Higher			MI WELLS	MI500000704414
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000005929 RITA ROBBINS Household Active 0 64-1587 Not Reported PVC Plastic 5 35 19 28 10 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	45 Not F Not F Not F ROT 2007	05855 Reported Reported ARY 0509 Reported
K35 WSW 1/2 - 1 Mile Higher			MI WELLS	MI500000700668
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Mathed Infe:	64000001820 ROUGHT, MYRON Household Not Reported 0 58-0646 Not Reported	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method:	50 Not F Not F Not F Hollo	Reported Reported Reported Reported ww Rod

Other Method Info:

Not Reported

19780708

Construction Date:

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:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	679	Specific Capacity:	0
Rock Top (ft):	0		
Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft):	34 10 N 679	Test Hours: Test Method: Pump Capacity (gpm):	1 UNK

L36 NNE 1/2 - 1 Mile Higher

liigiiei				
Well ID:	6400006281	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:	Ν	
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

9.101	
Well ID:	64000001811
Owner:	HART PUBLIC SCHOOLS
Well Type:	Household
Well Status:	Not Reported
Water Supply Serial #:	0
Driller ID:	64-0529
Other Method Info:	Not Reported
Casing Type:	Steel-black
Casing Diameter (in):	0
Screen Start Depth (ft):	41
Static Water Level (ft):	29
Test Drawdown Depth:	0
Test Water Flow Rate:	0
Well Grouted:	Ν
Elevation (ft):	679
Rock Top (ft):	0

MI WELLS

MI WELLS

MI500000700660

Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date:	Not Reported 46 Not Reported Not Reported Not Reported ROTARY 19871027
Other Casing Info:	Not Reported
Casing Depth (ft):	0
Screen End Depth (ft):	46
Flowing:	N
Test Hours:	0
Test Method:	UNK
Pump Capacity (gpm):	0
Specific Capacity:	0

Distance Elevation			Database	EDR ID Number
38 NNW 1/2 - 1 Mile Higher			MI WELLS	MI500000703105
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000004471 GLEN TOWNE Household Active 0 41-1987 Not Reported PVC Plastic 5 90 40 0 12 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	100 Not F Not F Not F ROT 2003	03682 Reported Reported ARY 0704 Reported
K39 West 1/2 - 1 Mile Higher			MI WELLS	MI500000706093
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted:	64000007789 Galen Dunn Household Active 0 64-1587 Not Reported PVC Plastic 5 37 30 35 15 Y 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2017	Reported Reported Reported

1/2 - 1 Mile Higher

> Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info:

6400004083 Maria Thornton Household Active 0 64-1743 Not Reported Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: 640003008 118 Not Reported Not Reported Not Reported ROTARY 20020831

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:	Ν
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

Higher				
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:	Ν	
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

igher			
Well ID:	6400003349	Permit #:	64-01735
Owner:	Linda Thrailkill	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		

MI WELLS

MI WELLS

MI500000703124

Map ID Direction				
Distance Elevation			Database	EDR ID Number
O43 NE 1/2 - 1 Mile Higher			MI WELLS	MI500000702497
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000003810 EDWARD LOSEMAN JR Household Active 0 64-0407 Not Reported Steel-black 4 139 58 80 28 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2001	Reported Reported Reported ARY 0801 Reported
44 West 1/2 - 1 Mile Higher			MI WELLS	MI500000700593
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001742 HEGG, CHARLES Other Not Reported 0 64-0407 Not Reported Unknown 4 64 46 60 60 60 N 686 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	74 Publi Not F Not F ROT 1967	0710 Reported
45 North 1/2 - 1 Mile Higher			MI WELLS	MI500000704322
Well ID: Owner: Well Type:	64000005824 Troy Van Gerladeren Household	Permit #: Well Depth (ft): Other Type Info:	175	05631 Reported

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: 64000005824 Troy Van Gerladere Household Active 0 70-0337 Not Reported

Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: 640005631 175 Not Reported Not Reported Not Reported Cable Tool 20070104

Steel-Galvanized	Other Casing Info:	Not Reported
4	Casing Depth (ft):	170
170	Screen End Depth (ft):	175
50	Flowing:	N
0	Test Hours:	1
50	Test Method:	PLUGR
Y	Pump Capacity (gpm):	18
0	Specific Capacity:	0
0		
	4 170 50 0 50 Y 0	4Casing Depth (ft):170Screen End Depth (ft):50Flowing:0Test Hours:50Test Method:YPump Capacity (gpm):0Specific Capacity:

M46 SW 1/2 - 1 Mile

Higher Well ID:

lighei			
Well ID:	64000001796	Permit #:	Not Reported
Owner:	HART SCHOOL BUILDING TRADES	3	
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:	19831108	Casing Type:	Unknown
Other Casing Info:	Not Reported	Casing Diameter (in):	4
Casing Depth (ft):	44	Screen Start Depth (ft):	41
Screen End Depth (ft):	46	Static Water Level (ft):	29
Flowing:	Ν	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

L47 NNE 1/2 - 1 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted:

Elevation (ft):

Rock Top (ft):

6400001753 HART REDI MIX Other Not Reported 0 64-0407 Not Reported Unknown 4 129 68 0 45 Ν

702

0

MI WELLS

MI WELLS

MI500000700603

Permit #	Not Reported
Well Depth (ft):	138
Other Type Info:	Commercial
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	19710724
Other Casing Info:	Not Reported
Casing Depth (ft):	129
Screen End Depth (ft):	138
Flowing:	N
Test Hours:	0
Test Method:	UNK
Pump Capacity (gpm):	0
Specific Capacity:	0

Martin				
Map ID Direction				
Distance Elevation			Database	EDR ID Number
M48 SSW 1/2 - 1 Mile Higher			MIWELLS	MI500000700646
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001797 HART PUBLIC SCHOOLS Household Not Reported 0 64-0529 Not Reported Unknown 4 46 30 0 0 0 N 679 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	50 Not F Not F Not F ROT 1982	Reported Reported Reported ARY 1004 Reported
P49 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000705150
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000006774 Herbert G. Foster Household Active 0 64-0407 Not Reported Steel-Galvanized 4 51 34 42 25 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	61 Not F Not F JETT 2011 Not F 51 61 N 1 TSTF 25	1202 Reported
P50 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700649
Well ID: Owner:	64000001800 HART PUBLIC SCHOOLS	Permit #: Well Depth (ft):	50	Reported

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: HART PUBLIC SCHOOLS Household Not Reported 0 64-0529 Not Reported

Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date:

Not Reported 50 Not Reported Not Reported ROTARY 19791109

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:	Ν
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	686	Specific Capacity:	0
Rock Top (ft):	0		

51 NNE 1/2 - 1 Mile

Higher Well ID: 64000001744 Not Reported Permit #: Well Depth (ft): Owner: PEERAER, ALLEN 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 19820920 Construction Date: Other Casing Info: Casing Type: Unknown Not Reported Casing Diameter (in): 2 Casing Depth (ft): 92 92 97 Screen Start Depth (ft): Screen End Depth (ft): Static Water Level (ft): 78 Flowing: Ν Test Drawdown Depth: 78 Test Hours: 1 Test Water Flow Rate: 14 Test Method: UNK Well Grouted: Ν Pump Capacity (gpm): 0 Elevation (ft): 702 Specific Capacity: 0 0 Rock Top (ft):

Q52 WSW

l/2 - 1 Mile Higher
Well ID:
Owner:
Well Depth (ft):
Other Type Info:
Other Status Info:

Drill Method:

Construction Date:

Other Casing Info:

Casing Depth (ft):

Screen End Depth (ft):

Pump Capacity (gpm):

Specific Capacity:

Well #:

Flowing: Test Hours:

Test Method:

6400004735 Church of Latter Day Saints 91 Not Reported Not Reported 001 ROTARY 19920414 Not Reported 86 91 Ν 0 UNK 0 0

MI WELLS MI500000703347

MI WELLS

MI500000700595

Permit #:	Not Reported
Well Type:	Type II Public
Well Status:	Active
Water Supply Serial #:	2023064
Driller ID:	64-0407
Other Method Info:	Not Reported
Casing Type:	Steel-Unknown
Casing Diameter (in):	4
Screen Start Depth (ft):	86
Static Water Level (ft):	24
Test Drawdown Depth:	0
Test Water Flow Rate:	28
Well Grouted:	Y
Elevation (ft):	673
Rock Top (ft):	0

Direction Distance Elevation			Database	EDR ID Number
P53			Dalabase	
SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700647
Well ID:	64000001798	Permit #:	Not F	Reported
Owner:	HART PUBLIC SCHOOLS	Well Depth (ft):	50	
Well Type:	Household	Other Type Info:	Not F	Reported
Well Status:	Not Reported	Other Status Info:	Not F	Reported
Water Supply Serial #:	0	Well #:	Not F	Reported
Driller ID:	64-0529	Drill Method:	ROT	
Other Method Info:	Not Reported	Construction Date:		1026
Casing Type:	Steel-black	Other Casing Info:		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): Rock Top (ft):	682 0	Specific Capacity:	0	
R54 NNW			MI WELLS	MI500000704084
1/2 - 1 Mile Lower				
Well ID:	64000005572	Permit #:	6400	047447
Owner:	CHAD HUIZENGA	Well Depth (ft):	126	
Well Type:	Household	Other Type Info:	Not F	Reported
Well Status:	Active	Other Status Info:		Reported
Water Supply Serial #:	0	Well #:	Not F	Reported
Driller ID:	64-1743	Drill Method:	ROT	ARY
Other Method Info:	Not Reported	Construction Date:	2005	1014
Casing Type:	PVC Plastic	Other Casing Info:		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: Test Water Flow Rate:	60	Test Hours:	1 TSTF	
Well Grouted:	16 Y	Test Method:	-	JOM
Elevation (ft):	0	Pump Capacity (gpm): Specific Capacity:	16	66667
Rock Top (ft):	0	Specific Capacity.	0.200	00007
N55 WNW 1/2 - 1 Mile Higher			MI WELLS	MI500000703800
Well ID:	64000005261	Permit #:	6400	04866
Owner:	MARK FOSTER	Well Depth (ft):	75	
Well Type:	Household	Other Type Info:	Not F	Reported
Well Status:	Active	Other Status Info:		Reported
Water Supply Serial #:	0	Well #:		Reported
Drillor ID:	64 1742	Drill Mothod	A	r/Porod

Driller ID:

Other Method Info:

64-1743

Not Reported

Drill Method:

Construction Date:

Auger/Bored 20050310

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:	Ν
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

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000006522 JOHN AND SANDY DIEHL Household Active 0 34-2126 Not Reported Steel-Galvanized 4 81 70 79 30 Y 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	640006673 86 Not Reported Not Reported ROTARY 20091112 Not Reported 81 86 N 1 PLUGR 12 0.37974684	
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Permit #:

Well #:

Flowing:

Test Hours:

Test Method:

Drill Method:

Well Depth (ft):

Other Type Info:

Other Status Info:

Other Casing Info:

Casing Depth (ft):

Specific Capacity:

M57 SW 1/2 - 1 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft):

Rock Top (ft):

64000001817 HIGGINSON, JANET Household Not Reported 0 64-0407 Not Reported Steel-black 4 88 46 0 60 Ν

686

0

MI WELLS

MI WELLS

MI500000704942

MI500000700665

Not Reported 93 Not Reported Not Reported Not Reported ROTARY 19911230 Construction Date: Not Reported 87 Screen End Depth (ft): 93 Ν 0 UNK Pump Capacity (gpm): 0 0

Map ID Direction Distance				
Elevation			Database	EDR ID Number
O58 NE 1/2 - 1 Mile Higher			MI WELLS	MI500000706244
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000007956 Stephen Kuipers Household Active 0 64-1587 Not Reported Steel-Galvanized 4 30 19 20 15 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not R Not R Cable 2018	Reported Reported Peported Tool 1026 Reported
P59 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700656
Well ID: Owner: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	64000001807 M.W. VANDERVEEN CONST. CO. 47 Not Reported Not Reported JETTIN 19730105 Not Reported 43 47 N 0 UNK 0 0	Permit #: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	Hous Not R 0 64-04	eported 07 eported
O60 NE 1/2 - 1 Mile Higher			MI WELLS	MI500000700615
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info:	64000001765 STRALEY, TED Household Not Reported 0 Not Reported Not Reported	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date:	38 Not R Not R Not R	teported teported teported w Rod 0521

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

Higner				
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:	Ν	
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

igner		
Well ID:	64000001810	Permit #:
Owner:	PEARSON, RAYMOND	Well Depth (ft):
Well Type:	Household	Other Type Info:
Well Status:	Not Reported	Other Status Info:
Water Supply Serial #:	0	Well #:
Driller ID:	64-0529	Drill Method:
Other Method Info:	Not Reported	Construction Date:
Casing Type:	Steel-black	Other Casing Info:
Casing Diameter (in):	0	Casing Depth (ft):
Screen Start Depth (ft):	86	Screen End Depth (ft):
Static Water Level (ft):	49	Flowing:
Test Drawdown Depth:	0	Test Hours:
Test Water Flow Rate:	0	Test Method:
Well Grouted:	Ν	Pump Capacity (gpm):
Elevation (ft):	689	Specific Capacity:
Rock Top (ft):	0	

MI WELLS

MI WELLS

MI500000700659

MI500000700658

Not Reported 94 Not Reported Not Reported ROTARY 19860410 Not Reported 0 94 N 0 UNK 0 0

Distance Elevation			Database	EDR ID Number
Q63 WSW 1/2 - 1 Mile Higher			MI WELLS	MI500000703076
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000004409 HENRY LEHMAN Household Active 0 61-2074 Not Reported Steel-Galvanized 4 97 16 26 10 Y 673 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	107 Not I Not I Cabl 2003 Not I 107 107 N 1 BAIL 16	003848 Reported Reported e Tool 00701 Reported
64 NE 1/2 - 1 Mile Higher			MI WELLS	MI500000704726
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	6400006267 TED STRALEY Household Active 0 61-2040 Not Reported Steel-Galvanized 4 35 40 33 16 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	40 Not I Not I JET 2008	006406 Reported Reported FIN 09911 Reported

1/2 - 1 Mile Higher

> Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info:

6400001804 HART BUILDERS SUPPLY Household Not Reported 0 64-0407 Not Reported

Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method:

Construction Date:

Not Reported 103 Not Reported Not Reported Not Reported ROTARY 19691023

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:	Ν
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

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Well ID:	64000001806	Permit #:	Not Reported
Owner:	M.W. VANDERVEEN CONST. CO.		
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:	64-0407
Drill Method:	JETTIN	Other Method Info:	Not Reported
Construction Date:	19730111	Casing Type:	Unknown
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):	27
Flowing:	Ν	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

S67 SW 1/2 - 1 Mi Higher

1/2 - 1 Mile Higher	
Well ID:	
Owner	

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft): 64000006238 MARY BRICKER Household Active 0 64-1587 Not Reported PVC Plastic 8 91 65 90 10

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MI WELLS

MI WELLS

MI500000704697

Permit #:	640006313
Well Depth (ft):	101
Other Type Info:	Not Reported
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	20080710
Other Casing Info:	Not Reported
Casing Depth (ft):	101
Screen End Depth (ft):	101
Flowing:	Ν
Test Hours:	1
Test Method:	AIR
Pump Capacity (gpm):	12
Specific Capacity:	0

Map ID Direction				
Distance Elevation			Database	EDR ID Number
S68 SW 1/2 - 1 Mile Lower			MI WELLS	MI500000700652
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001803 WOLTING, JAY Household Not Reported 0 64-0407 Not Reported Unknown 2 82 30 0 15 N 689 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	86 Not F Not F Not F ROT 1967	1112 Reported
S69 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700664
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001815 STOVALL, MARK Household Not Reported 0 64-1587 Not Reported PVC Plastic 5 80 55 75 20 Y 650 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	90 Not F Not F ROT 1991	0418 Reported
70 WNW 1/2 - 1 Mile Higher			MI WELLS	MI500000703891
Well ID: Owner: Well Type: Well Status: Water Supply Serial #:	64000005360 SHARON POUNDS Household Active 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #:	103 Not F Not F	04977 Reported Reported

Well #:

Drill Method:

Construction Date:

Water Supply Serial #:

Other Method Info:

Driller ID:

0

64-1587

Not Reported

TC7142167.2s Page A-43

Not Reported

ROTARY

20050523

PVC Plastic	Other Casing Info:	Not Reported
5	Casing Depth (ft):	103
93	Screen End Depth (ft):	103
58	Flowing:	Ν
72	Test Hours:	1
12	Test Method:	AIR
Υ	Pump Capacity (gpm):	10
676	Specific Capacity:	0
0		
	5 93 58 72 12 Y 676	5Casing Depth (ft):93Screen End Depth (ft):58Flowing:72Test Hours:12Test Method:YPump Capacity (gpm):676Specific Capacity:

S71 SW 1/2 - 1 Mile

Higher Well ID: 64-01719 6400002987 Permit #: Owner: JOHN CARLSON Well Depth (ft): 52 Well Type: Other Type Info: Not Reported Household Well Status: Not Reported Other Status Info: Not Reported Not Reported Water Supply Serial #: 0 Well #: 64-1743 Drill Method: ROTARY Driller ID: Other Method Info: Not Reported Construction Date: 19990925 Other Casing Info: Casing Type: **PVC Plastic** 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: Ν 32 Test Hours: Test Drawdown Depth: 1 Test Water Flow Rate: 16 Test Method: TSTPUM Well Grouted: Υ Pump Capacity (gpm): 16 Elevation (ft): 663 Specific Capacity: 0.5 Rock Top (ft): 0

T72 SW 1/2 - 1 Mile Higher

igher			
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:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	689	Specific Capacity:	0
Rock Top (ft):	0		

MI WELLS

MI WELLS

MI500000701790

Map ID Direction				
Distance Elevation			Database	EDR ID Number
S73 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700662
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001813 BRICKER, MARY Household Not Reported 0 Not Reported Steel-black 2 40 32.5 0 0 N 692 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	44 Not F Not F Not F Hollc 1987	Reported Reported Reported w Rod 0326 Reported
T74 SW 1/2 - 1 Mile Higher			MI WELLS	 MI500000706453
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000008186 DAN TALSMA Household Active 0 41-1987 Not Reported PVC Plastic 5 93 20 70 12 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2019	Reported Reported Reported
S75 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000704169
Well ID: Owner: Well Type: Well Status: Water Supply Serial #:	6400005670 Not Reported Household Active 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #:	83 Not F Not F	05367 Reported Reported

Well #:

Drill Method:

Construction Date:

Water Supply Serial #:

Other Method Info:

Driller ID:

0

53-1659

Not Reported

TC7142167.2s Page A-45

Not Reported

Cable Tool

20060719

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:	Ν
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 Well ID: 6400002981 Permit #: 64-01621 WM. BURD JR. Well Depth (ft): Owner: 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 ROTARY Driller ID: 64-1587 Drill Method: Other Method Info: Not Reported 19991208 Construction Date: **PVC Plastic** Other Casing Info: Casing Type: Not Reported Casing Diameter (in): 5 Casing Depth (ft): 80 80 Screen End Depth (ft): Screen Start Depth (ft): 90 Static Water Level (ft): 35 Flowing: Ν Test Drawdown Depth: 70 Test Hours: .5 Test Water Flow Rate: 20 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 715.039999999999964 Elevation (ft): Specific Capacity: 0 Rock Top (ft): 0

U77 West 1/2 - 1 Mile Higher

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Well ID:
Owner:
Well Type:
Well Status:
Water Supply Serial #:
Driller ID:
Other Method Info:
Casing Type:
Casing Diameter (in):
Screen Start Depth (ft):
Static Water Level (ft):
Test Drawdown Depth:
Test Water Flow Rate:
Well Grouted:
Elevation (ft):
Rock Top (ft):

64000004231 FRANK MAST Household Active 0 64-1587 Not Reported PVC Plastic 5 44 26 44 20

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Permit #:6Well Depth (ft):5Other Type Info:NOther Status Info:N

MI WELLS

MI WELLS

MI500000701784

- Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): 54 Screen End Depth (ft): 54 Ν Flowing: Test Hours: 1 Test Method: Pump Capacity (gpm): 12 Specific Capacity: 0
- 640003396 54 Not Reported Not Reported ROTARY 20021117 Not Reported 54 54 N 1 UNK 12

Map ID Direction				
Distance Elevation			Database	EDR ID Number
78 NW 1/2 - 1 Mile Lower			MI WELLS	MI500000706076
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000007772 LIEVENSE JAMES Household Active 0 53-2340 Not Reported PVC Plastic 5 73 51 51 51 37 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2016	Reported Reported Reported ARY
U79 West 1/2 - 1 Mile Higher			MI WELLS	MI500000706397
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	6400008128 RININGER JAMES Household Active 0 53-2430 Not Reported PVC Plastic 5 72 36 42 37 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2018	Reported Reported Reported
V80 NNW 1/2 - 1 Mile Higher			MI WELLS	MI500000704853
Well ID: Owner: Well Type:	64000006417 Kathy Bebee Housebold	Permit #: Well Depth (ft): Other Type Info:	640006755 132 Not Reported	

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: 64000006417 Kathy Bebee Household Active 0 64-1587 Not Reported

Other Type Info:

Well #:

Drill Method:

Other Status Info:

Construction Date:

640006755 132 Not Reported Not Reported Not Reported

ROTARY

20100317

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:	Ν
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

Well ID: 64000001748 Not Reported Permit #: COLE, THEODORE Well Depth (ft): Owner: 130 Well Type: Household Other Type Info: Not Reported Well Status: Not Reported Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported 0 64-0407 Drill Method: Driller ID: JETTIN Not Reported Other Method Info: 19760822 Construction Date: Other Casing Info: Casing Type: Unknown 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: Ν Test Drawdown Depth: 0 Test Hours: 0 Test Water Flow Rate: 15 UNK Test Method: Pump Capacity (gpm): Well Grouted: Ν 0 Elevation (ft): 728 Specific Capacity: 0 Rock Top (ft): 0

X82 SW 1/2 - 1 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft):

Rock Top (ft):

64000001814 BONSTALL, MIKE Household Not Reported 0 64-1587 Not Reported Steel-black 2 91 40 84 12 Υ

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MI WELLS

MI WELLS

MI500000700663

MI500000700599

Permit #: Not Reported Well Depth (ft): 95 Other Type Info: Not Reported Other Status Info: Not Reported Well #: Not Reported Drill Method: Driven Hand Construction Date: 19880309 Other Casing Info: Not Reported Casing Depth (ft): 95 Screen End Depth (ft): 95 Ν Flowing: Test Hours: 1 Test Method: UNK Pump Capacity (gpm): 0 Specific Capacity: 0

Distance Elevation			Database	EDR ID Number
X83 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000703953
Well ID: Owner:	64000005438 COZART CONSTRUCTION COZART	Permit #:	640005085	
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: Other Casing Info:	20051013 Not Reported	Casing Type:	PVC Plastic	
Casing Depth (ft):	Not Reported 103	Casing Diameter (in): Screen Start Depth (ft):	5 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	MI500000703927
Well ID:	6400005396	Permit #:	6400	05077
Owner:	MANUEL VILANUEVA	Well Depth (ft):	100	
Well Type:	Household	Other Type Info:	Not Reported	
Well Status:	Active	Other Status Info:		Reported
Water Supply Serial #:	0	Well #:	Not Reported	
Driller ID: Other Method Info:	64-1587 Not Reported	Drill Method: Construction Date:	ROTARY 20050802	
Casing Type:	PVC Plastic	Other Casing Info:		Reported
Casing Diameter (in):	5	Casing Depth (ft):	100	loponed
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): Rock Top (ft):	692 0	Specific Capacity:	0	
W85 NNE 1/2 - 1 Mile Higher			MI WELLS	 MI500000700600
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Well ID:	64000001749	Permit #:	Not Reported	
Owner:	GATEWAY MOTEL	Well Depth (ft):	120 Not Dependent	
Well Type: Well Status:	Household Not Reported	Other Type Info: Other Status Info:	Not Reported Not Reported	
Water Supply Serial #:	0	Well #:		Reported
Driller ID:	64-0407	Drill Method:	ROT	

64-0407

Not Reported

Driller ID:

Other Method Info:

ROTARY

19740910

Drill Method:

Construction Date:

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:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	728	Specific Capacity:	0
Rock Top (ft):	0		

V86 NNW 1/2 - 1 Mile

Lower Well ID: 6400008318 Permit #: 64-10093 MOSS GREG Well Depth (ft): Owner: 111 Other Type Info: Not Reported Well Type: Household Well Status: Active Other Status Info: Not Reported Not Reported Water Supply Serial #: 0 Well #: ROTARY Drill Method: Driller ID: 53-2430 Other Method Info: Not Reported Construction Date: 20191104 **PVC Plastic** Other Casing Info: Casing Type: Not Reported Casing Diameter (in): 5 Casing Depth (ft): 103 Screen Start Depth (ft): 103 Screen End Depth (ft): 111 U Static Water Level (ft): 3 Flowing: 26 Test Drawdown Depth: Test Hours: 2 Test Water Flow Rate: 29 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 18 Elevation (ft): 0 Specific Capacity: 0 0 Rock Top (ft):

Y87 NW 1/2 - 1 Mile

Higher

Well ID:
Owner:
Well Type:
Well Status:
Water Supply Serial #:
Driller ID:
Other Method Info:
Casing Type:
Casing Diameter (in):
Screen Start Depth (ft):
Static Water Level (ft):
Test Drawdown Depth:
Test Water Flow Rate:
Well Grouted:
Elevation (ft):
Rock Top (ft):

GOEFF HANSEN Household Active 0 64-1743 Not Reported **PVC Plastic** 5 88 55 10 18

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6400006499

MI WELLS

MI WELLS

MI500000706577

MI500000704919

Permit #:	640006491
Well Depth (ft):	98
Other Type Info:	Not Reported
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	20090725
Other Casing Info:	Not Reported
Casing Depth (ft):	90
Screen End Depth (ft):	98
Flowing:	Ν
Test Hours:	1
Test Method:	TSTPUM
Pump Capacity (gpm):	18
Specific Capacity:	1.8

Map ID Direction				
Distance Elevation			Database	EDR ID Number
Z88 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000700672
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001824 HAWLEY, JOHN Type II Public Active 2025264 Not Reported Not Reported Unknown 4 110 36 0 0 Y 689 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	120 Not F Not F 001 Cabl 1972	Reported Reported e Tool 0615 Reported
89 WSW 1/2 - 1 Mile Higher			MI WELLS	MI500000703856
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000005325 JOHN TATE Household Active 0 64-1587 Not Reported PVC Plastic 5 104 55 100 20 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	114 Not F Not F Not F ROT 2004	0301 Reported
Y90 NW 1/2 - 1 Mile Higher			MI WELLS	MI500000703621
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID:	64000005076 JAMIE KISTLER Household Active 0 64 1597	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Mathad:	103 Not F Not F	04393 Reported Reported Reported

Drill Method:

Construction Date:

Other Method Info:

Driller ID:

64-1587

Not Reported

ROTARY

20040811

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

nighei				
Well ID:	6400007788	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:	Ν	
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

Well ID:

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):

GEHL, BOB Household Not Reported 0 Not Reported Not Reported Unknown 0 147 40 0 0

Υ

0

689

6400001762

Permit #: Not Reported Well Depth (ft): 151 Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft):

MI WELLS

MI WELLS

MI500000706092

MI500000700612

Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:

Not Reported Not Reported Not Reported Hollow Rod 19821216 Not Reported 0 151 Ν 0 UNK 0 0

Map ID Direction				
Distance Elevation			Database	EDR ID Number
AB93 ENE 1/2 - 1 Mile Higher			MI WELLS	MI500000700616
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000001766 ALTLAND, THOMAS Household Not Reported 0 62-0359 Not Reported PVC Plastic 5 101 0 60 25 Y 659 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	106 Not F Not F ROT 1989	0628 Reported
94 ENE 1/2 - 1 Mile Higher			MI WELLS	MI500000705917
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	6400007602 DAVID & MAUREEN DAVIS Household Active 0 64-0407 Not Reported PVC Plastic 5 93 25 60 15 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2016	Reported Reported Reported
Z95 SW 1/2 - 1 Mile Higher			MI WELLS	MI500000706085
Well ID: Owner: Well Type: Well Status: Water Supply Serial #:	64000007781 MARGE GREINER Household Active 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #:	Not F	258 Reported Reported

Not Reported

ROTARY

20171011

Construction Date:

Well #:

Drill Method:

41-1987

Not Reported

0

Water Supply Serial #:

Other Method Info:

. Driller ID:

PVC Plastic	Other Casing Info:	Not Reported
5	Casing Depth (ft):	105
105	Screen End Depth (ft):	115
12	Flowing:	Ν
70	Test Hours:	1
12	Test Method:	AIR
Y	Pump Capacity (gpm):	12
0	Specific Capacity:	0
0		
	5 105 12 70	5Casing Depth (ft):105Screen End Depth (ft):12Flowing:70Test Hours:12Test Method:YPump Capacity (gpm):

96 West 1/2 - 1 Mile Higher

Higher				
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:	Ν	
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

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft):

Rock Top (ft):

6400006414 Geoff Hansen Household Active 0 64-1587 Not Reported **PVC Plastic** 5 110 28 43 20

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0

0

MI WELLS

MI500000704851

MI500000700594

Permit #:	640006794
Well Depth (ft):	120
Other Type Info:	Not Reported
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	20100323
Other Casing Info:	Not Reported
Casing Depth (ft):	111
Screen End Depth (ft):	120
Flowing:	Ν
Test Hours:	1
Test Method:	AIR
Pump Capacity (gpm):	15
Specific Capacity:	0

Direction Distance Elevation			Database	EDR ID Number
98 NW			MIWELLS	MI500000706147
1/2 - 1 Mile Higher				111500000700147
Well ID:	64000007845	Permit #:	64-94	444
Owner:	VINH PHAM	Well Depth (ft):	90	
Well Type:	Household	Other Type Info:		Reported
Well Status:	Active	Other Status Info:		Reported
Water Supply Serial #: Driller ID:	0 41-1987	Well #: Drill Method:	ROT	Reported
Other Method Info:	Not Reported	Construction Date:	-	0411
Casing Type:	PVC Plastic	Other Casing Info:		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: Elevation (ft):	Y 0	Pump Capacity (gpm): Specific Capacity:	12 0	
Rock Top (ft):	0	Specific Capacity.	0	
AB99 NE 1/2 - 1 Mile Higher			MI WELLS	MI500000702338
Well ID:	6400003648	Permit #:	64-02	2231
Owner:	Johnny Michael McElroy	Well Depth (ft):	142	
Well Type:	Household	Other Type Info:	Not F	Reported
Well Status:	Active	Other Status Info:		Reported
Water Supply Serial #:	0	Well #:		Reported
Driller ID: Other Method Info:	64-1587 Not Reported	Drill Method: Construction Date:	ROT	ARY 1013
Casing Type:	Not Reported PVC Plastic	Other Casing Info:		Reported
Casing Diameter (in):	5	Casing Depth (ft):	142	reported
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): Rock Top (ft):	0 0	Specific Capacity:	0	
	• 			
AC100 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000700597
Well ID:	64000001746	Permit #:	Not F	Reported
Owner:	HART BRAND TRUCKING	Well Depth (ft):	167	
Well Type:	Household	Other Type Info:	Not F	Reported
Well Status:	Not Reported	Other Status Info:		Reported
Water Supply Serial #:	0	Well #:		Reported
Driller ID:	64-0407	Drill Method:	ROT	ARY

Driller ID:

Other Method Info:

Not Reported

64-0407

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ROTARY

19791029

Construction Date:

Drill Method:

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:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	728	Specific Capacity:	0
Rock Top (ft):	0		
Well Grouted: Elevation (ft):		Pump Capacity (gpm):	0

AD101 SW 1/2 - 1 Mile Higher

Higher				
Well ID:	6400006015	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:	Ν	
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

igher			
Well ID:	6400008127	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		

MI WELLS

MI WELLS

MI500000704494

MI500000706396

Direction Distance Elevation			Database	EDR ID Numbe
AE103 North 1/2 - 1 Mile Higher			MI WELLS	MI500000704114
Well ID:	6400005605	Permit #:	Not F	Reported
Owner:	HARRISON LANDING, ST	EVE BRUCE		
Well Depth (ft):	95	Well Type:	Test	Well
Other Type Info:	Not Reported	Well Status:	Activ	e
Other Status Info:	Not Reported	Water Supply Serial #:	0	
Well #:	Not Reported	Driller ID:	64-04	407
Drill Method:	ROTARY	Other Method Info:	Not F	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:	Ν	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 (ff):	0	
AE104 North 1/2 - 1 Mile Higher			MI WELLS	MI500000704112
•	0.4000005000	D		
Well ID:	64000005603	Permit #:	64-0	5206
Owner:	BRETT CHASE	Well Depth (ft):	75	
Well Type:	Household	Other Type Info:		Reported
Well Status:	Active	Other Status Info:		Reported
Water Supply Serial #:	0	Well #:		Reported
Driller ID:	64-0407	Drill Method:	ROT	
Other Method Info:	Not Reported	Construction Date:		1010
Casing Type:	Steel-Unknown	Other Casing Info:		Reported
Casing Diameter (in):	4	Casing Depth (ft):	70	
Screen Start Depth (ft):	70	Screen End Depth (ft):	75	
Static Water Level (ft): Test Drawdown Depth:	36	Flowing:	N	
	70	Test Hours:	2	
	30	Test Method: Pump Capacity (gpm):	TSTF 0	
Test Water Flow Rate:	V		0	
Test Water Flow Rate: Well Grouted:	Y			057140
Test Water Flow Rate: Well Grouted: Elevation (ft):	0	Specific Capacity:		357143
Test Water Flow Rate: Well Grouted:				357143
Test Water Flow Rate: Well Grouted: Elevation (ft):	0			357143

AD105 SW 1/2 - 1 Mile Higher

Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: 64000004040 SHANE & DEE ANN HASTY Household Active 0 64-1743 Not Reported

MI WELLS MI500000702727

Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: 640003071 72 Not Reported Not Reported ROTARY 20020208

PVC Plastic	Other Casing Info:	Not Reported
5	Casing Depth (ft):	63
62	Screen End Depth (ft):	72
42	Flowing:	Ν
60	Test Hours:	1
18	Test Method:	TSTPUM
Y	Pump Capacity (gpm):	0
0	Specific Capacity:	0.3
0		
	5 62 42 60	5Casing Depth (ft):62Screen End Depth (ft):42Flowing:60Test Hours:18Test Method:YPump Capacity (gpm):

AD106 SW 1/2 - 1 Mile

Higher

Well ID:	6400005255	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:	Ν	
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

Well ID:
Owner:
Well Type:
Well Status:
Water Supply Serial #:
Driller ID:
Other Method Info:
Casing Type:
Casing Diameter (in):
Screen Start Depth (ft):
Static Water Level (ft):
Test Drawdown Depth:
Test Water Flow Rate:
Well Grouted:
Elevation (ft):
Rock Top (ft):

6400006768 Longcore, Ron Household Active 0 64-1587 Not Reported PVC Plastic 5 160 70 85 20

Y 0 0

MI WELLS

MI WELLS

MI5000000705144

MI500000703794

Permit #:	640007281
Well Depth (ft):	168
Other Type Info:	Not Reported
Other Status Info:	Not Reported
Well #:	Not Reported
Drill Method:	ROTARY
Construction Date:	20111222
Other Casing Info:	Not Reported
Casing Depth (ft):	160
Screen End Depth (ft):	168
Flowing:	Ν
Test Hours:	2
Test Method:	AIR
Pump Capacity (gpm):	12
Specific Capacity:	0

Map ID Direction				
Distance Elevation			Database	EDR ID Number
108 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000703377
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000004766 KEVIN KECK Household Active 0 53-1917 Not Reported PVC Plastic 5 170 78 85 35 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	180 Not F Not F Not F ROT 2003	04092 Reported Reported ARY 1209 Reported
109 NNW 1/2 - 1 Mile Lower			MI WELLS	MI500000702337
Well ID: Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: Casing Type: Casing Diameter (in): Screen Start Depth (ft): Static Water Level (ft): Test Drawdown Depth: Test Water Flow Rate: Well Grouted: Elevation (ft): Rock Top (ft):	64000003647 Steven Clark Household Active 0 64-1587 Not Reported PVC Plastic 5 94 61 80 15 Y 0 0	Permit #: Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date: Other Casing Info: Casing Depth (ft): Screen End Depth (ft): Flowing: Test Hours: Test Method: Pump Capacity (gpm): Specific Capacity:	Not F Not F ROT 2000	Reported Reported Reported
AC110 NNE 1/2 - 1 Mile Higher			MI WELLS	MI500000706308
Well ID: Owner:	6400008027 CITY OF HART	Permit #: Well Depth (ft):	Not F 400	Reported

Owner: Well Type: Well Status: Water Supply Serial #: Driller ID: Other Method Info: CITY OF HART Test Well Plugged/Abandoned 0 70-2584 Not Reported

Well Depth (ft): Other Type Info: Other Status Info: Well #: Drill Method: Construction Date:

Not Reported 400 Not Reported Not Reported Not Reported ROTARY 20190913

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:	Ν	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

111 West 1/2 - 1 Mile

Higher				
Well ID:	64000001741	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			

MI WELLS

MI500000700592

Map ID Direction Distance

Database

EDR ID Number

1 North 1/2 - 1 Mile

API Well #: Completion: Well Status: Slant: True Vertical Depth: Formation Tops: **Production Formation:** Lease Name: Operator #: Company Name: Surface Owner: Federally Owned Land: Plug Date:

21127611307000 **Plugging Approved** V 0 Not Reported Not Reported Anna Foster Et Al 472 Carter Oil Co Not Reported 0 Not Reported

0

OIL_GAS MIOG12000066991

Permit #: Well Type: Bore Type: Total Depth Drilled: Deepest Formation: Field Name: Production Unit #: Well #:

State Owned Land: Permit Date: H2S Concentration: GT1597 Not Reported Mineral (Non-Confidential) 0 Not Reported Not Reported Not Reported 1

0 Not Reported 0

2 West 1/2 - 1 Mile

API Well #: Completion: Well Status: Slant: True Vertical Depth: Formation Tops: Production Formation: Lease Name: Operator #: Company Name: Surface Owner: Federally Owned Land: Plug Date:

21127612037000 0 **Plugging Approved** V 0 Not Reported Not Reported George C. Brandel 472 Carter Oil Co Not Reported 0

Not Reported

Permit #: Well Type: Bore Type: Total Depth Drilled: **Deepest Formation:** Field Name: Production Unit #: Well #:

State Owned Land: Permit Date: H2S Concentration: OIL_GAS

MIOG12000067062

GT1715 Not Reported Mineral (Non-Confidential) 0 Not Reported Not Reported Not Reported 1

0 Not Reported 0

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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 3/5/2009	0.8
49420 49420	3/5/2009 3/27/2009	0.8 0.9
49420	11/5/1996	0.9
49420	10/16/2001	0.7
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 1.2
49420 49420	2/7/2001 11/9/1996	1.2 1.1
49420	11/12/1996	1.1
49420	1/27/1999	1.1
49420	2/12/2009	1.1
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 49420	2/11/2008	1.8
49420 49420	2/7/2009 11/2/2005	1.8 1.8
49420 49420	11/12/2005	1.0
49420 49420	11/12/1330	1.7
73720		

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

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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

USGS Water Wells: USGS National Water Inventory System (NWIS) This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

The data in this file was obtained from Wellogic, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogic 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, Ottawaw, 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

Countrymark, Inc. Street Address 3 E. Main County Oceana County Oceana Street Address 3 Street Address 3 Street Address 3 Street Address 3 Street Address or State Road, as applicable Street Address or State Road, as applicable County County Vea Code Phone Number 616 873-2158 Type of Owner (Mark ell that apply D) Imdicate Current State or Local Govt Federal Govt Privete or Commer GSA facility 1.D. no. UL CONTACT PERSONAL TANK LOCATION Name (If seme as Section I, mark box here []) Job Title Mark box here only if this is an amended or subsequent notification for this location. Mark box here only if this is an amended or subsequent notification submitted in this and all attached or current information submitted in this and all attached or current information under the private or index with the information submitted in this and all attached or current information under the private or index with the information. Name (If seme as Section I, mark box here []) Job Title Mark box here only if this is an ame	Nonfication for Underground Storage 7	anks 👘		LOCIATA OMDING APPROV	91310/140 2004-0040 200520011155135	
MAY 0 5 1986 Data Proceed Production is required by Follow for all underground and it has been tool or the regulated landmark in the course. Conservation and Recover A 4, IRCA 1. A specific facility (including pathwark in the Name of A too Proceeding and P	<u>بر المحمد الم</u>	RECEIVED	I.D Number	STATE US	SE ONLY	, ,
Application is sequence by Forein Lev for all underground wake that hard between the product of the sequence of	MA	Y 0 5 1986	Date Receive		300	
<pre>tend to start replaced whereas these shorts of the provide starts of the provide st</pre>	GENEB.41.11	UFON MARY AND		en i Par		
for nancommercial purposes: Paralles: Any owner who knowingly fail to policy of upomative submersions: 1 track sed for soring healing oil for consumptive use on the premises where stored: Paralles: Any owner who knowingly fail to policy of upomative submersions: 1 track sed for soring healing oil for consumptive use on the premises where stored: Indicate any owner who knowingly fail to policy of upomative submersions: 2 replict trans: Indicate any owner who knowingly fail to policy of upomative submersions: Please type or print in ink all items except "signature" in Section V. This form must by completed for each location, continuation sheets to this form. Please type or print in ink all items except "signature" in Section V. This form must by completed for each stark genery, or Other Entity) Count rymark, Inc. Street Address 3 E. Main Street Address Street Address 3 E. Main Street Address or State Road, as applicable Street Address or Acade Street Construction of the key whithing on on other Indian trust lands	 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 havardous 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 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 longerin 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 (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 1057 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 furnigants. 	Pipeline Safety Act of which is an intrastate p 5, surface impoundme 6, storm water or wast 7, flow-through proce- 8, liquid traps or associ gathering operations: 9, storage tanks situ, mineworking, drift, sh surface of the floor. What Substances A ground storage tanks t defined as hazardous Response, Compensat those substances regul includes petroleum, ej conditions of temperat square inch absolute). Where To Notify? 1 given at the top of this When To Notify? 1 taken out of operation May 8, 1986, 2, Owner 1986, must notify withi	1968, or the Haza pipeline facility re- pipeline facility re- nus, pits, ponds, one water collection sy tanks: iated gathering firn ated in an unde eaft, or tunnel) if t Are Covered? The that contain regul- s in section 100 ion and Liability- lated as hazardow g, crude oil or an ture and pressure Completed notifit page. Owners of under after January I, s who bring und- in 30 days of bring in 30 days of bring	ridous Liquid Pip gulated under Stat r lagoons; systems; es directly related rground area (su he storage tank is e notification req lated substances. J (14) of the Com Act of 1980 (CER4 as waste under St y fraction thereof (60 degrees Fahre cation forms sho ground storage ta 1974, but still in rground storage ta ing the tanks into	eline Salety Ad te laws; to oil or gas pro- reh as a baser situated upon uirements app Fhis includes a prehensise En CLA), with the sbuite C of R0 which is liquic enheit and 44.7 uld be sent to nks in use or th the ground, mi- tanks into use o use.	et of 1979, o oduction and ment, cellar or above the bly to under ny substance vironmenta exception o CRA it also f at viandaro 7 pounds per the addrese the addrese ist have been at have been after May 8
Please type or print in ink all items except "signature" in Section V. This form must by completed for continuation shears. If more than 5 tanks are owned at this location. Indicate number of continuation shears. Please type or print in ink all items except "signature" in Section V. This form must by completed for continuation shears. If more than 5 tanks are owned at this location. Indicate number of continuation shears. Protocopy the reverse side. and staple continuation shears to this form. Indicate number of continuation shears to this form. Downer Mame (Corporation, Individual, Public Agency, or Other Entity) (If same as Section 1, mark box here []) Countrymark, Inc. (If same as Section 1, mark box here []) Street Address 3 E. Main County Oceana Street Address or State Road, as applicable Street Address State ZIP Code Ourner (Mark all thet spely [2]) City (nearest) State Zilo Corrent State or Local Govt City Private or Corporate Indicate number of (GSA facility 1D. no. Ownershin Area Code Phore Number Federal Col Govt Entro Conton to this location or on other Indian trust lands Indicate number of 10 and within an Indian reservation or on other Indian trust lands Street Address Section I, mark box here []) Job Tille Area Code Phone Number	for noncommercial purposes; 2. tanks used for storing heating oil for consumptive use on the premises where stored;	shall be subject to a c	civil penalty not	to exceed \$10,00	d for each lan	information is for which
each location containing underground storage tanks. If more than 5 tanks are owned at this location. Continuation sheets photocopy the reverse side, and staple continuation sheets to this form. INLOCATION (O.F.ANNKS) Countrymark, Inc. INLOCATION (O.F.ANNKS) Street Address 3 E. Main Countrymark, Inc. If and a superconduction sheets to this form. Street Address 3 E. Main Countrymark, Inc. Facility Name or Company Site Identifier, as applicable Street Address or State Road, as applicable Same Street Address or State Road, as applicable Street Address or State Road, as applicable Street Address or State or Local Govt Private or Comporation, Individual Public Agency, or Owner fill County Oceana County City (nearest) State ZIP Code Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands on other Indian trust lands Street Address as Section 1, mark box here Job Tite Area Code Phone Number of 10 - 873 - 2158 Ype or Owner (Mark all that apply [2]) Job Tite Area Code Phone Number of 10 - 873 - 2158 Street I anks at this is an amended or subsequent notification for this location.	INSTRU	ICTIONS	rec estat			6.4 C
County Oc eana City Hart Mi. 49420 Area Code Phone Number 873-2158 Cype of Owner (Mark all that apply Col) State or Local Govt Private or Corporate County Oceana Indicate number of Eddral Govt Mark box here if tank(s) are located on land within on on other Indian trust lands County Oceana Indicate number of Corporate Indicate number of tanks at his 2 Mark box here II that apply Col Its contract PERSON At TANK LOCATION Indian trust lands Indian trust lands Mark box here II that box here II Job Title Area Code Phone Number of 16-873-2158 Private or 0 on other Indian trust lands Name (If same as Section I, mark box here II) Job Title Area Code Phone Number of 16-873-2158 Mark box here only if this is an amended or subsequent notification for this location. VCERTIFICATION (Breadend alon alter 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.	Please type or print in ink all items except "signature" in Section V. This for each location containing underground storage tanks. If more than 5 tanks	orm must by completed are owned at this location	for on,			i
State ZIP Code Mart Mi. 49420 Area Code Phone Number 873-2158 Courter State or Local Govt Private or Corporate Current State or Local Govt Private or Corporate Former Federal Govt Ownership INCONTACT PERSONATI TANK LOCATION Area Code Name (If same as Section I, mark box here) Job Title Area Code Mark box here only if this is an amended or subsequent notification for this location. V. CERTIFICATION (Read and Lign etter complete) V. CERTIFICATION (Read and Lign etter complete) Certify under penalty of law that 1 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.	each location containing underground storage tanks. If more than 5 tanks a photocopy the reverse side, and staple continuation sheets to this form.	are owned at this location (if says facility Name or Co	on.	continuation attached	sheets	
Area Code Phone Number 873-2158 State ZIP Code G16 873-2158 Type of Owner (<i>islark all that apply G</i>) Indicate or Local Govt Gark all that apply G) Indicate or Local Govt Former Federal Govt GSA facility I.D. no. Owneership UIL CONTACT PERSON AT TANK EOCATION Name (If same as Section I, mark box here]) Job Title Mark box here only if this is an amended or subsequent notification for this location. V CERTIFICATION (Feederal dign efforts) and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted in this and all attached boundaries authorized apprendictive	each location containing underground storage tanks. If more than 5 tanks a photocopy the reverse side, and staple continuation sheets to this form. Owner Name (Corporation, Individual, Public Agency, or Other Entity) Countrymark, Inc. Street Address 3 E. Main	are owned at this location (If sa Facility Name or Co Same	on, Mill COCATIO ame as Section ompany Site Id	continuation attached NOCERANIX(S) 1, mark box he entilier, as appl	sheets	
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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.	each location containing underground storage tanks. If more than 5 tanks a photocopy the reverse side, and staple continuation sheets to this form. IOWNERSHIP OF ANN(S) Dwnar Name (Corporation, Individual, Public Agency, or Other Entity) Countrymark, Inc. Street Address 3 E. Main County Oceana City State ZIP Code Hart Mi. Mi. 49420 Vrea Code Phone Number 616 873-2158 Ype of Owner (Mark ell that apply [2]) X Current X Current State or Local Gov't Federal Gov't Ownership Job Title Job Title Donald Walsworth IV TYPEOFN	are owned at this location (if same Facility Name or Co Same Street Address or S County City (nearest) Indicate number of tanks at this location	on, All ACOCATION ame as Section ompany Site Id itate Road, as a	continuation attached (NOEBRANK(S) 1, mark box he entifier, as appl pplicable State Mark box here i are located on i are located on i on lodian reserv on other Indian	sheets re) icable ZIP Co f tank(s) and within vation or trust lands Phone 1	C Number
Vame and official title of owner or owner's authorized representative Signature Date Signed 5-2-86	each location containing underground storage tanks. If more than 5 tanks is photocopy the reverse side, and staple continuation sheets to this form.	are owned at this location (if set Facility Name or Co Same Street Address or S County City (nearest) Indicate number of tanks at this location ATANKLOCATION Mg r • IOTIFICATION	on, All A COCATION ame as Section ompany Site Id itate Road, as a 2	continuation attached (NOEBRANK(S) 1, mark box he entifier, as appl pplicable State Mark box here i are located on i are located on i on lodian reserv on other Indian	sheets re) icable ZIP Co f tank(s) and within vation or trust lands Phone 1	Number
	each location containing underground storage tanks. If more than 5 tanks a photocopy the reverse side, and staple continuation sheets to this form.	(If same (If same Facility Name or Co Same Street Address or S County City (nearest) Indicate number of tanks at this location VATETANKEOCATION Mgr - IOTIFICATION	on, All ROCATION ame as Section ompany Site Id itate Road, as a 2 2 4 tion for this loc cellon VIP, information s	continuation attached (NOEBRANK(S) 1, mark box he entifier, as appl pplicable State Mark box here i are located on i are located on i an Indian reserv on other Indian Area Code 616–87	sheets re) icable ZIP Co f tank(s) and within vation or trust (ands Phone) 3-2158	Number

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Owner Name (Irom Section I) Countrymark, Inc.	Location (from Se	ction II) <u>Ha</u> :	rt, Mi.	Page No. 2	_ot2_Pages
VI, DESCRIPTION OF UNDERGROU	ND STORAGE TA	NKS (Complete for	each tank at this lo	ocallon.J	
Tank Identification No. (e.g., ABC-123), or bitrarily Assigned Sequential Number (e.g., 1,2,3)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.
Status of Tank (Mark all that opply (2)) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86 2. Estimated Age (Years)					
3. Estimated Total Capacity (Gallons)	550	550			
4. Material of Construction Steel (Mark one 团) Concrete Fiberglass Reinforced Plastic Unknown					
Other, Please Specify					
5. Internal Protection (Mark all that apply g) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown					
Other, Please Specify					
6. External Protection (Mark all that apply III) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown					
Other, Please Specify					
7. Piping Bare Steel (Mark all that apply (3)) Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown					
Other, Please Specify					
8. Substance Currently or Last Stored a. Empty in Greatest Quantity by Volume b. Petroleum (Mark all that apply 2) 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 🗷 if tank stores a mixture of substances d. Unknown					
dditional Information (for tanks permanently ken out of service)			1		
 a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box Ø if tank was filled with inert material 					
c. Mark box tain tank was filled with inert material (e.g., sand, concrete)					

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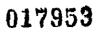
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STATE OF MICHIGAN

HM 051-91



FIRE MARSHAL DIVISION

HAZARDOUS MATERIALS SECTION 3705 WEST JOLLY ROAD P.O. DOX 30157 LANSINO, MICHIGAN 48909

> PHONE: 517 331-7079 FAX: 517 882-0150

JOHN ENGLER, GOVERNOR DEPARTMENT OF STATE POLICE COL. MICHAEL D. RODINSON, DIRECTOR

Date: 2-25-91

DALSI NORTH INTRYMARK INC. 3E, MAIN ST. HART, MI 49420

Re: Site Assessment Report ID # <u>1795</u>3

Dear MR. WALSWORTH:

This letter is in reference to the lab analysis submitted for the REMOVAL of 2-550 GALCON UST '0

The test methodology and level of detection of the methodology are <u>ADEQUATE</u>. 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,

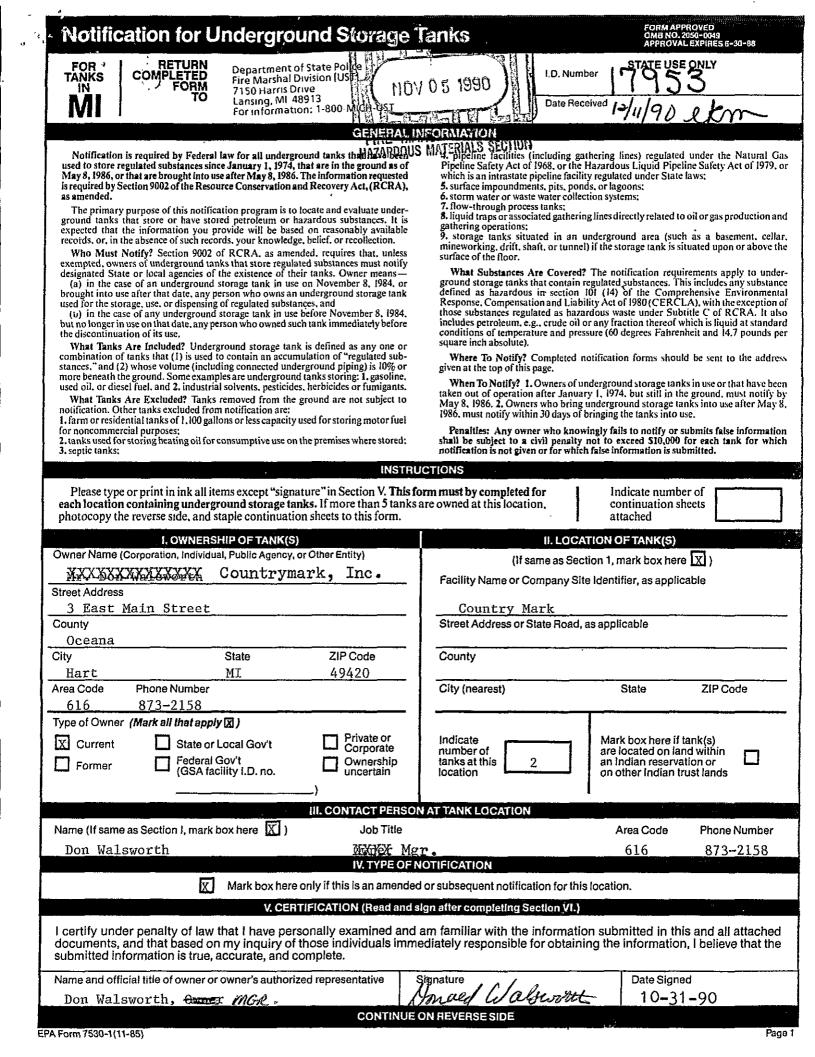
Capt. Wade E. Schaefer State Fire Marshal

Andrea R. Zajoc

Andrea R. Zajac, Manager Technical Review Unit

ARZ:s





Owner Name (from Section I)	Don	Walswort
1			

h_____ Location (from Section II) _____ Hart, Michigan -____ Page No. _____ of ____ Pages

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۲۰ الله VI. DESCRIPTION OF UNDERGROU	ND STORAGE TA	KS (Complete for	each tank at this lo	cation.)	
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.
1. Status of Tank (Mark all that apply g)Currently in Use* Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86					
2. Estimated Age (Years)	20	20			
3. Estimated Total Capacity (Gallons)	500	500			
4. Material of Construction Steel (Mark one 図) Concrete Fiberglass Reinforced Plastic Unknown					
Other, Please Specify		·	·		<u> </u>
5. Internal Protection (Mark all that apply (II) Interior Lining (e.g., epoxy resins) None Unknown	, X				
Other, Please Specify					
6. External Protection (Mark all that apply 2) Fiberglass Reinforced Plastic Coated None Unknown					
Other, Please Specify					·
7. Piping Bare Steel (Mark all that apply g) Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify					
8. Substance Currently or Last Stored a. Empty				[]	
in Greatest Quantity by Volume (Mark all that apply 团) (Mark all that apply 团) Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance					
Please Indicate Name of Principal CERCLA Substance					,
이유 Chemical Abstract Service (CAS) No. Mark box II if tank stores a mixture of substances d. Unknown					
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 🖾 if tank was filled with inert material	<u>_10_/88</u> MT	<u>9 / 90</u> MT			
(e.g., sand, concrete)					

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17953 1782

. MICHIGAN STATE POLICE FIRE MARSHAL DIVISION				
UST PROGRAM NOTIFICATION OF UST REMOVAL/CLOSURE				
Sec. 280.71(a) EPA Rules				
Date Received $\frac{8/20/90}{20}$ Person Receiving Information				
Facility ID Number				
Location of Tanks				
Company Name Countrymerk, Inc. Hart Farm Center				
Address <u>3 E. Main 54.</u>				
City/Stale/Zip Hart 49420 County Oceans Township				
County Oceana Township				
Contact Person Don Walsworth Phone				
Company Mailing Address &CUMe				
Tank Information				
Date Tanks are to be Removed $\frac{9/20/90}{20}$				
Number of Tanks to be Removed Z				
Capacity/Product Slored:				
1 550 1 550				
1 <u>550</u> <u>2</u> <u>550</u> <u>3</u>				
<u>1 550</u> <u>2 550</u> <u>3</u> 4 <u>5</u> <u>6</u>				
4 5 6 <u>Company Doing Removal</u>				
456 <u>Company Doing Removal</u> Name				
456 <u>Company Doing Removal</u> Name Address				
456 <u>Company Doing Removal</u> NameVn k nown Address City/State/Zip				
456 <u>Company Doing Removal</u> Name Address				

**** 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

Am Walsworth

Don Walsworth Countrymark Inc. Hart Farm Center 3 E. Main St. Hart,MI 49420



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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

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Enclosures

MICHIGAN STATE POLICE 10705 1990 1 न्द दे FIRE MARSHAL DIVISION HAZARDOUS MATERIALS SECTION

COUNTRY MARK

3 EAST MAIN STREET

HART, MICHIGAN



UNDERGROUND STORAGE TANK CLOSURE EXCAVATION ZONE ASSESSMENT REPORT

OCTOBER 1990

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

<u>as</u>i.

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, <u>Test Methods for Evaluating Solid Waste</u>, 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 MarkPROJECT:UST ClosureASI REF. NO.:02853SAMPLED BY:ASI - TDSDESCRIPTION:Soil SampleANALYST:EE

ASI SAMPLE 1.D.: CLIENT SAMPLE 1.D.:	3758 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

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Gerald T. Skar Laboratory Director

cpr

SCAN 2 VOLATILE AROMATIC HYDROCARBONS SCANS

CLIENT:	Country Mark		
PROJECT:	UST Closure	DATE SAMPLED:	10/02/90
ASI REF. NO.:	02853	DATE RECEIVED:	10/02/90
SAMPLED BY:	ASI - TDS	DATE FINISHED:	
DESCRIPTION:	Soil Sample	REPORT DATE:	10/09/90
ANALYST:	EE		

ASI	SAMPLE	1.D.:	3759	
CLIENT	SAMPLE	I.D.:	SS#2	•

BENZENE	ND
TOLUENE	ND
ETHYLBENZENE	ND
XYLENES (Total)	ND

ND = Non Detectable Detection Limit = 8 ug/kg All results are in ug/kg

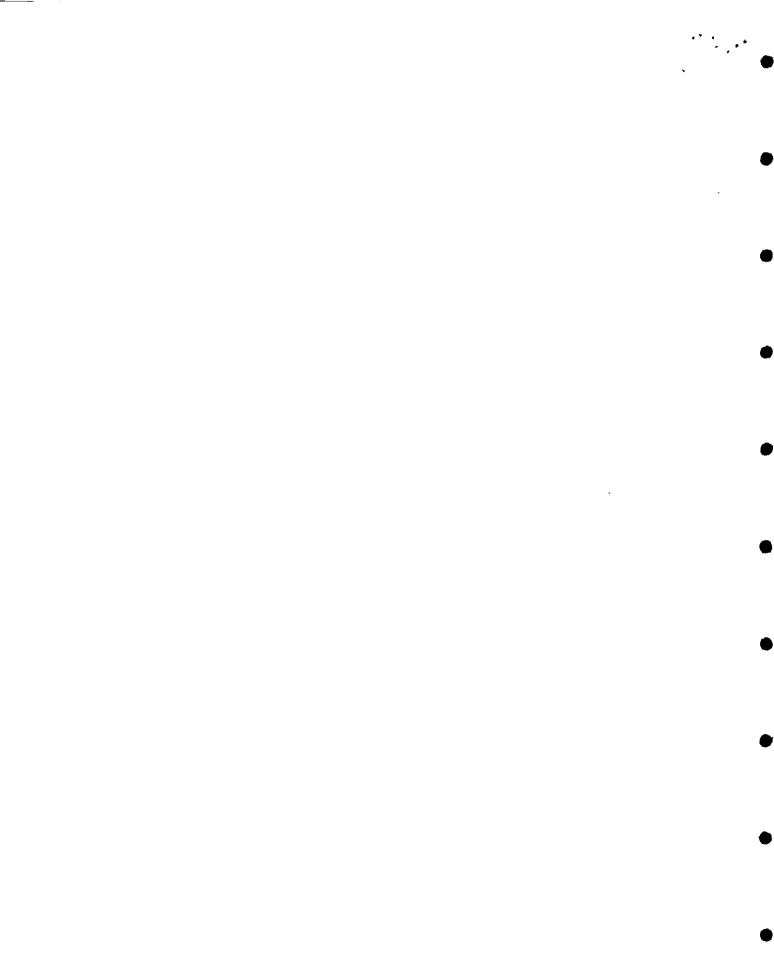
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Gerald T. Skar Laboratory Director

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SCAN 2 VOLATILE AROMATIC HYDROCARBONS SCANS

CLIENT:	Country Mark		
PROJECT:	UST Closure	DATE SAMPLED:	10/02/90
ASI REF. NO.:	02853	DATE RECEIVED:	
SAMPLED BY:	ASI - TDS	DATE FINISHED:	10/06/90
DESCRIPTION:	Soil Sample	REPORT DATE:	10/09/90
ANALYST:	EE		

ASI	SAMPLE	I.D.:	3760	
CLIENT	SAMPLE	I.D.:	SS#3	۰,

BENZENE	ND
TOLUENE	ND
ETHYLBENZENE	ND
XYLENES (Total)	ND

ND = Non Detectable Detection Limit = 8 ug/kg All results are in ug/kg

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Gerald T. Skar Laboratory Director

cpr

, state	OF MICHIGAN	. HM Ut	31-91	
DEPARTMENT	SLER, GOVERNOR OF STATE POLL D. ROBINSON, DIRECTOR	СЕ	FIRE MARSHAL Hazardous Materi 5788 Westjola P.O. DOX 58 Lansing, Michig Phone 517 88 Part 517 882	ALS SBOTION 4 NOAD 167 JAN 48809 4-7079
Date: $2-5$	5-91 .	i i	1	
DON WALSLOORTH COUNTRYMARK THC.		KC JUN	06 1991	
3E, MAIN ST.	د ۱ : - 4			
HART, MI 49420	Re: Site Assess ID #/ ? 9	ent Repo 133	rt	
Dear MR. WALSWORTH:		• • • • • •		
This letter is in reference to the lab REMOVAL OF 2-550 GALLON	analysis submitted	for the		
The test methodology and level of detection <u>ADEQUATE</u> . The contaminant threshold detection levels and there is Based on the submitted information, no required.	concentrations are	below th		
redutren.	•			
If you have any further questions, plea	se contact me at (517) 334-	7079.	
	Sincerely,		1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Capt. Wade E. Sch State Fire Marsha	aefer 1	•	
	andrea R	Zajac		

Andrea R. Zajac, Manager Technical Review Unit

ARZ:s



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A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.

Michigan State Police Fire Marshal Division ******* Hazardous Materials Section * INVOICE * ******** 3705 W. Jolly Rd. P.O. Box 30157 Lansing, MI 48909 (517) 334-7079 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. 13 E. MAIN 3 E. MAIN HART, MI ;HART, MI 49420 49420 RE: COUNTRYMARK, INC. Annual renewal of tanks on record as of 4/17/91. Required by P.A. 423 of 1984, las 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 550 Gal - Perm. Dut of Use \$100.00 0 - 0179531 0-017953 2 550 Gal - Perm. Out of Use \$100.00 WHIGAN STATE POLICE 6 1991 JUN These tanks were removed in Oct. of 1990 See enclosure MARSHAL DIVISION AZARDOUS MATERIALS SECTION Redistration Fee: \$ Number of Eligible Tanks: 2 200.00 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

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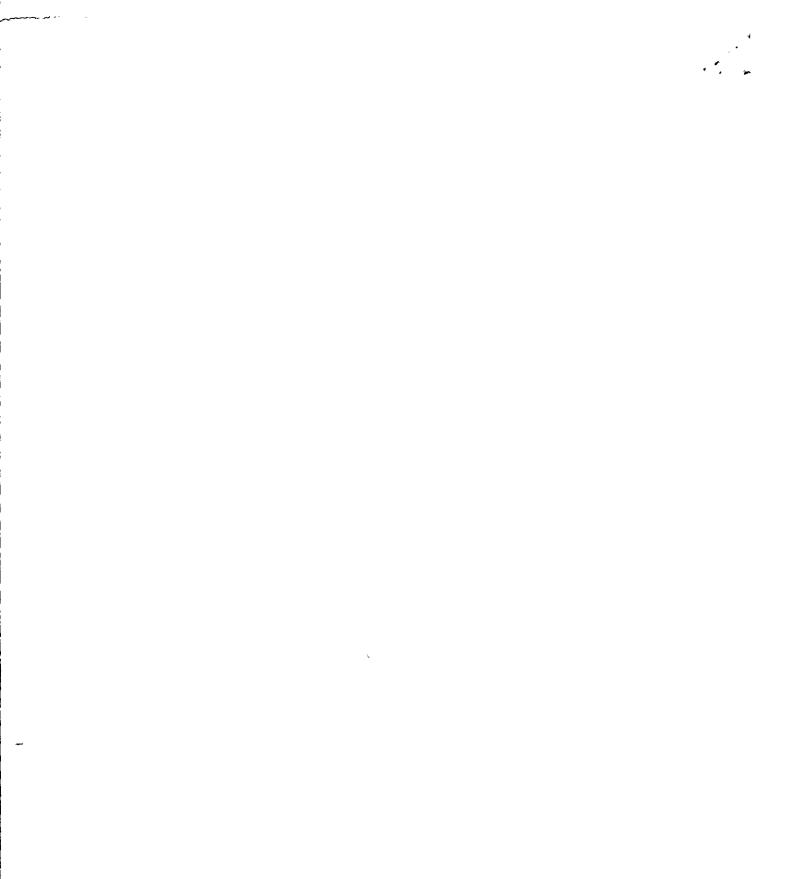
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Michigan State F Fire Marshal Div Hazardous Materials 3705 W. Jolly P.O. Box 301 Lansing, MI 4 (517) 334-70	ision Section Rd. 57 8909	May 15,	1001		t	DICE [®] ,* ****** ⁻	1
- ANNUAL UST REGISTRATI	ON FEE FO			E ENDIN			
TO: COUNTRYMARK, INC. J E. MAIN HART, MI 49420 (RE: COUNTRYMARK, INC. Annual renewal of tanks on re	: 22 24 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	LOCATION COUNTRYM 3 E. MAI HART, MI HART, MI	ARK, 1 N 4741 L-Rec	(NC. 20	y-FA		
Las amended. Failure to pay ma imisdemeanor, punishable by im ialso make you ineligible for iletter for an explanation. FM	prisonmer access to	nt and/or p MUSTFA [·]	fines	s; cívil	penaltie	es: and n	ay!-
Facility # Tank # Descr	iption	-	· · · · · · · · · · · · · · · · · · ·	- • <u>-</u>	2 M 2 M	Cost	-
0-017953 1 0-017953 2		l - Perm. L - Perm.				\$100. \$100.	•
			- 				- - -
These tanks were r	emoved in	1 Öet. of	1990	-	-		27 32 27 27 - 27 27
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and a substant and a substant of the second seco	n						 - <u></u>
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Number of Eligible Tanks: 2 Total Number of Tanks: 2	~		La - An	egistrat ite-Fee: nount Re noùnt Du		\$200. \$200.	
Maké Checks Payment Du					a		ی ہے۔ ریس میں میں میں میں م



michigan State Police Fire Marshal Division *** Hazardous Materials Section * INVOICE * 3705 W. Jolly Rd. ***** P.O. Box 30157 Lansing, MI 48909 (800) 642-4878 June 28, 1990 Page 1 of 1 Fee for Underground Storage Tank registrations received on or before 3-31-90. こうゆ けいしち かたりがいいい ちょうか はいい ちょうか いいい しょうしい IPLEASE RETURN TO: **IT0: Michigan State Police** ICOUNTRYMARK, INC. **IFire Marshal Division** 13 E. MAIN IHART, MI 49420 **Harzardous Materials Section** 13705 W. Jolly Rd. IRE: COUNTRYMARK, INC. IP_0_ Box 30157 --- ILansing, MI. 48909 If there are no changes that need to be made on the registration form, timely Ipayment and return of this invoice will suffice as your FY 1990 (10-1-89 to 19-30-90) annual renewal of your USTs, as required under P.A. 423 of 1984, as lamended. Payment due July 30, 1990. For more details, see the enclosed linformation. Cost Facility # Tank # Description 550 Gal - Diesel \$100.00 0-017953 1 \$100.00 550 Gal - Gasoline 0 - 0179532 1 # 2717 200_00 Number of Eligible Tanks: 2 Registration Fee: \$ 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

withigh State Police Fire Harshal Division ********** Hazardous Haterials Section 3735 U. Jolly Rd. **** P. 0. Box 30157 Lansing MI 48939 (320) 642-4378 Page 1 of 1 100 25. 1993 -Fee for Underground Storage Tank registritions received on or before 3-31-92. IPLEASE FETURN TO: :071 LCOUNTRYFARK, INC. Inforigan State Police lftre Aarshal Division IS G. MAIN 49627 IN STRACT Herzardous Haterials Section 13705 %, Jolly Pd. **19E: COUNTRYMARK, INC.** 1P-1- 30x 30157 Itansing/ III 48929 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 1990 (10-1-89 to 19-33-97) annual renewal of your USTs, as required under P.A. 423 of 1934, as logended. Payment due July 37, 1997. For more Jetails, see the enclosed linformation. Cost Description Facility & Tank R \$103.00 ř C-017953 551 Gal - Diesel 30.0015 551 Gal - Gasoline 5 2-017953 5 G 1 Augber of Eligible Tanks: 203.20 Registration Fee: ſ, Total Number of Tanks: Late Fee: ABDUNT Received: 00-005 Ŷ Agount Due: dake Checks Psysule to: State of Wichigen Payment Due on or Before: JULY 30, 1996

COUNTRYMARK, INCORPORATED

7-30-90

DETACH AND RETAIN THIS STATEMENT H-7660

\$200.00

Fuel tank Registration

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division P.O. Box 30033, Lansing, MI 48909 Phone 517-241-8847, Fax 517-335-4061

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 North Central CO-OP	LOCATION NAME OR SITE	IDENT	FIER	FACILITY ID NUMBER 92085089
OWNER ADDRESS 3 E. MAIN St.	FACILITY STREET ADDRES	88 (P.C	BOX NOT ACCEPTABLE)	
CITY HANT	CITY			ZIP CODE
STATE MY ZIP CODE	AREA CODE & TELEPHON	E NUM	3ER	
AREA CODE & TELEPHONE NUMBER	CONTACT PERSON (AT LO		teven	
TYPE OF FACILITY	l		TYPE OF REPORT	
Flammable or Combustible Liquids	Storage		New Owner	
Liquefied Petroleum Gas Storage		×	Closure of Facility (All S	torage)
Compressed Natural Gas			Closure of Tanks	
Hydrogen Storage			Tank(s) Returned to Ser	vice

TANKS OUT-OF-USE OR CHANGE-IN-SERVICE

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK	500 GA	i			
PRODUCT STORED	LPG				
		INSERT DAT	E IN ALL BOXI	ES THAT APPL	Y
A. DATE TANK WAS REMOVED FROM PREMISES					
B. DATE TANK WAS EMPTIED AND CLEANED	11-2-20	\$			
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) Date Signature rocher COMMENTS AND/OR CLARIFICATION

MAIL to:

C169

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

ATTENTION: North Central Co-op

Location of Tanks:

North Central Co-op Inc 3 MAIN E HART, MI, 49420-1129 County - OCEANA Facility ID - 92085089

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 AACS 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 AACS 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

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division	
P.O. Box 30033, Lansing, MI 48909	
Phone 517-241-8847, Fax 517-332-1428	

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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	LOCATION NAME OR SITE	IDENTIFIER	FACILITY ID NUMBER
SUBUEBAN: PROPARE	North Cent	nol Coopenative	92085089
OWNER ADDRESS	FACILITY STREET ADDRES	SS (P.O. BOX NOT ACCEPTABLE)	••••••••••••••••••••••••••••••••••••••
1535 S. WALKER Rd	3 EAST MA	zn strut	
CITY	CITY , , ,		ZIP CODE
Mus Kegon	Hant	MI	49420
STATE ZIP CODE	AREA CODE & TELEPHON		
M1 49442	231 - 873	-2158	
AREA CODE & TELEPHONE NUMBER	CONTACT PERSON (AT LC	CATION)	
1-616-831-0530	STAD Hal	Inck	
TYPE OF FACILITY		TYPE OF REPORT	001 1 0 2017
Flammable or Combustible Liquids	Storage	New Owner	
Liquefied Petroleum Gas Storage		Closure of Facility (All S	torageBUREAU OF FIRE SERVICES
Compressed Natural Gas		Closure of Tanks	L SERVICES
Hydrogen Storage		Tank(s) Returned to Ser	rvice

TANKS OUT-OF-USE OR CHANGE-IN-SERVICE

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
	65E046779				
CAPACITY OF TANK	500				
PRODUCT STORED	Proppre				
		NSERT DAT	E IN ALL BOXE	ES THAT APPL	Y
A. DATE TANK WAS REMOVED FROM PREMISES	4-19-17				
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		<u></u> ,	-		
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 COMPLE Name & Official Title of Owner/Owner's Authorized Representative (PRINT) Date Signature 5-24-17 p u bmon i ins COMMENTS AND/OR CLARIFICATION

lar

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

BFS-3858 (Rev 9/15)

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STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

Location of Tanks:

North Central Co-op Inc 3 MAIN E HART, MI, 49420-1129 County - OCEANA Facility ID - 92085089

North Central Co-op 3 E. Main St. Hart, MI, 49420

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 AACS 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.

- 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.
- 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

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. 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

corrosion.

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

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Divering P.O. Box 30700, Lansing, Michigan 48909 Phone 517-241-8847, Fax 517-332-1428

JUL 1 4 2017

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 raise information is submitted.

Worth Central CO-0,0	LOCATION NAME OR SITE IDENTIFIER North Centry L CO-OP 42085089
OWNER ADDRESS	FACILITY STREET ADDRESS (P.O. BOX NOT ACCEPTABLE)
3 E. MAIN St.	3 E MAINST
HANT	CITY HANT ZIP CODE 219420
MI ZIP CODE 49420	AREA CODE & TELEPHONE NUMBER
AREA CODE & TELEPHONE NUMBER	CONTACT PERSON (AT LOCATION)
TYPE OF FACILITY	TYPE OF REPORT
Flammable or Combustible Liquids	Storage , 📈 New Owner
Liquefied Petroleum Gas Storage	, 🖌 🗖 Closure of Facility (All Storage)
Compressed Natural Gas	□ Closure of Tanks
Hydrogen Storage	Tank(s) Returned to Service

TANKS OUT-OF-USE OR CHANGE-IN-SERVICE

TANK IDENTIFICATION NUMBER 6SE046779	TANK#1	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK	500 90	L			
PRODUCT STORED	L.P. CAS				
	I	NSERT DAT	E IN ALL BOXES	THAT APPLY	
A. DATE TANK WAS REMOVED FROM PREMISES			P	eoem	
B. DATE TANK WAS EMPTIED AND CLEANED			10 11	SUEIV	EU
C. DATE PIPING TO TANK WAS DISCONNECTED				JUL 1 4 2(17
D. DATE TANK WAS CHANGED TO NONREGULATED SUBSTANCE			BURE	AU OF FIRE S	ERVICES

F. DATE TANK UPGRADE REQUIREMENTS WERE MET (FL/CL)

E. DATE TANK WAS 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, ACCUBATE AND COMPLETE. Name & Official Title of Owner/Owner's Authorized Representative (PRINT) Name & Official Title of Owner/Owner's Authorized Representative (PRINT) Name & Official Title of Owner/Owner's Authorized Representative (PRINT) Rodney Stevens NCCC Cochina Managen Managen 7-7-17 COMMENTS AND/OR CLARIFICATION COMMENTS AND/OR CLARIFICATION ON ANGE OF TANK OWNERSH'P FROM SubwOAN FO US North Censnal CO-OP

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:

-20-1

Department of Licensing and Regulatory Affairs Bureau of Fire Services, Storage Tank Division 3101 Technology Boulevard, Suite H, Lansing, Michigan 48910 Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Divisio

Phone 517-241-8847, Fax 517-332-1428

JUN 1 4 2017

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 is for which false-information is submitted VICES

OWNER NAME Subue BAN PROPARE	LOCATION NAME OR SITE North Cent	nol Coopena		DNUMBER 2085089
OWNER ADDRESS		SS (P.O. BOX NOT ACCEPTA	BLE)	
1535 S. WALKER Rd	<u>3 ÉAST MA</u>	IN Street		
Mus Kegon	CITY Hant	MI	ZIP CODE 494	20
STATE ZIP CODE	AREA CODE & TELEPHON			
M1 49442	23/- 873	-2158		
AREA CODE & TELEPHONE NUMBER	CONTACT PERSON (AT LO	· · ·		
1-616-831-0530	STAD Hall	lack		
TYPE OF FACILITY		TYPE OF REPOR	<u>RT</u>	
Flammable or Combustible Liquid	s Storage	New Owner		HIN T 4 LOLD
Liquefied Petroleum Gas Storage		Closure of Facilit	y (All Storage)	JUN 14 1017
Compressed Natural Gas		🗶 Closure of Tanks	i	
Hydrogen Storage		Tank(s) Returned	to Service	BUREAU OF FIRE SERVICE

TANKS OUT-OF-USE OR CHANGE-IN-SERVICE

		···-			
TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
	6SEO46779				
CAPACITY OF TANK	500				
	200				
PRODUCT STORED	0				
	Thoppare				
	11	NSERT DAT	E IN ALL BOXE	S THAT APPLY	(
A. DATE TANK WAS REMOVED FROM PREMISES	11				
	4-19-17				
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 OMPL Name & Official Title of Owner/Owner's Authorized Representative (PRINT) Signature Date 5-24-17 Ops COMMENTS AND/OR CLARIFICATION OWN th

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

BFS-3858 (Rev 9/15)



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 AACS 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

92085089

Steward, Jessica (LARA)

From: Sent: To: Subject: Read, Karl (LARA) Thursday, May 04, 2017 1:46 PM Steward, Jessica (LARA) 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



RICK SNYDER GOVERNOR STATE OF MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS LANSING

STEVE ARWOOD DIRECTOR

September 15, 2015 ProGas Propane 8220 Whitehall Rd Whitehalk MI 49461

SED 244 PORT

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.

<u>AST Removal</u>: 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.

State C . Sincerely, Jim Block

Jim Block Storage Tank Division, Bureau of Fire Services

LARA is an equal opportunity employer/program.



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.

	CTOWNED (TTOWN	
Fiscal Year: 2015 Invo	ice Date: July 1, 2015	Page 1 of 1
Owner Address:	Location Address:	· · · · · · · · · · · · · · · · · · ·
ProGas Propane 8220 Whitehall-Rd 15355 WALLER Rd- Whitehall, MI A9461 MUSZEGON: MT 49442	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
		ENTERES WW 0.2.20	NTE)	

Pavment Due	e On Or	Before	:	August 1, 2015
		201010	•	ragaot i, zoro

Payment can be made by credit card at, https://www.thepayplace.com/mi/deleg/ast

See reverse side for additional information.

Owner Please Note :

Facility Number: 92085089 Total Due: \$61.50 Previous Balance: \$0.00 Adjustments: \$0.00 Amount Received: \$0.00 Balance Due: \$61.50

\$61.50

For Cashier's Use Only:

Certification Fee:

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

BFS-0f10 (08/19) XXXX OE/ZE/IS LANSING MI State of Michigan DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS Bureau of Fire Services P.O. Box 30033 Lansing, Michigan 48909	ANSING NI 468 XXX FIRST CLASS MAIL U.S. POSTAGE PAID LANSING, MI PERMIT NO. 1200
	RECEIVED
	BUREAU OF FIRE SERVICES
	X 482 NFE 126051410006/27/15 FORWARD TIME EXP RTN 70 56ND FPROGAS PROPANE 1535 S <walker< td=""> RD MUSKEGON MI<49442-4557</walker<>
ETERSBARY	RETURN TO SENDER IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII



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 AACS 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 pemits.

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.

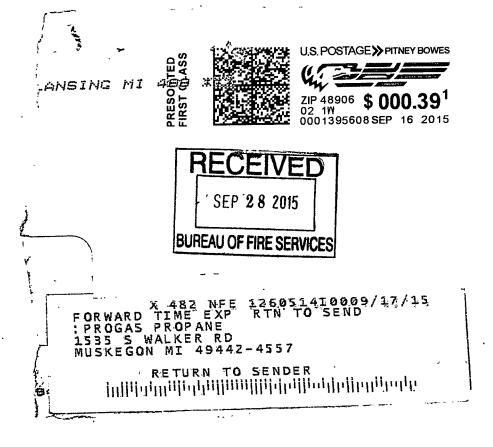
If you have additional questions concerning this matter, please contact me.

Karl Read

February 18, 2015

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 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. JAN 2 4 2012 3 East Main St KLW Hart, MI 49420 County - Oceana Facility ID - 92085089

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 AACS 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 oder 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.

1-17-12

Date

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

mailed to dist 12/1/1,

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - REMEDIATION DIVISION

PLAN REVIEW REPORT

This information is requin notify or submits false inf false information is subm	ormation shall be s	f the Public Acts of 1941, as amended, b ubject to a misdemeanor and/or civil pena	eing Section 29.5 Ities not to exceed	c of the Michigan d \$5000 per day	Compiled Laws Annotated. for each tank for which notifi	Any owner who knowingly fails to cation is not given or for which
	FINAL	DATE November 29, 2011	FACILITY 920850			REFERENCE # PR-0291-11
	N OF LIQUEFIED F	FLAMMABLE AND COMBUSTIBLE LIQU PETROLEUM GAS FACILITY ED NATURAL GAS FUELING FACILITY FACILITY	IDS	TANK NUMBE	R(S)	
ARCHITECT/ENGINEER ProGas Propane 8220 Whitehall Whitehall , MI	e - Whitehall Road 49461		PROJECT: ADDRESS: COUNTY:	Hart Co-c 3 East Ma Hart , MI Oceana	ain St 49420	, [.]
. The	plans and spe Field i	cifications for the above project inspection approval will be requi	have been re red before pla	viewed for co acing the syst	ompliance with applica tem into operation.	able rules.
		CONTINGENT UPON COMPLIANCE W		WING		THE FOLLOWING REASONS
 be equipped wi as close as pos back check fille container with a tank vapor spar Please verify th requirements o dimensions of t The part number spec-sheet for Hazardous Mater 	 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). 					itoff valve puble e nters the the ary, send office in the Grand
not be placed in	to service un	hone number 616-356-0221 , n til Department of Environment dentifying and addressing site c	al Quality pe	rsonnel hav	e conducted a final i	nspection. Preliminary
Provide certificati	on of compliar	ice with the National Electrical C	ode at final ir	spection.		
If this system is n	ot installed wit	hin one year, please contact this	s office for po	ssible resubr	nittal of plans.	
Department of E	nvironmental overment law	bmitted information, and is no Quality, does not relieve an o vs, including zoning laws. The ctions.	wner or insta	aller from ha	aving to meet the req	uirements of other
						,

If you have questions concerning this matter, please contact the Storage Tank & Contracts Unit at (517) 335-7211.

R. Jeff Tanher, 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 INSTALLA	TION OF LIQUEFIED PET	ROLEUI	M GAS FACILITIES
			PA-0291-1
ofth Central CO-OP to	NEW ASSIGNED TANK NUMBER(S)	2	FACILITY ID NUMBER

FACILI	TY NAME	NEW ASSIGNED T				0071 4	
N.	17th Central (1)-02 tm	LOSE D		2	FACILITY II	085089	
FACILI	TY STREET ADDRESS (PO BOX NOT ACCEPTABLE)	CONTACT PERSO	N (AT LOCATION)	\sim	AREA COD	E & TELEPHONE NUMBE	R
	East Main St.	COUNTY				73-2158	
	10-t	DCEAr	10	STATE MI		7420	
	TTER'S NAME	STREET ADDRES			· · · · ·		
fh	D-GAS PROPANE - DC StewArt		Chrenall 2d.			323-3009	.R
CITY	hitehall	STATE			ZIP CODE		
		Michi	<u>9An</u>		49	461	
ITEM	DESCRIPTION		MAN	UFACTUR	ER & PART	NUMBER	
1.*	CONTAINER DESIGN: Section 5.2:		AMerican	Weld	ng + T	AnK.	
	250 psi working pressure.		500 gallon	TAMK	25	OBI	
L							
2.	CONTAINER SUPPORTS/INSTALLATION:		Steel SK	ıd			
	Section 5.2.7 & 6.6.3: Noncombustible; steel protection may be required.						-
					AST 56	39589-28-1 11/	17/
3.	LOCATION OF CONTAINER:		Sec MAR	1	40208	32700 1007	
	Section 6.3 & 6.4 and Table 6.3.1: To important buildings, property lines which may be built upon	hatuaan			AY 201	12 \$203	
	containers, to FL/CL Dikes, FL/CL AST's & UST's, power lines	s, etc.					_
	PEO PAI						
4.*	LIQUID WITHDRAWAL CONNECTION AT CONTAINER at		Fisher C	407-	10-0-	3	
	Liquid withdrawal. Combination of valves to prevent uncontrol	lied/accidentan	30 GAM				_
	LIQUID WITHDRAWAL CONNECTION ATCONTAINERATI Table 5.7.7.1 or Section 5.7.7.2(B) Liquid withdrawal. Combination of valves to prevent uncontrol release.	011					
5.	PIPING INSTALLATION:		Sch 80 1	PIPE			
	PIPING INSTALLATION: Section 5.8, 6.8, & 6.21.5 Schedule 40 - welded.	- /		11-	<u> </u>		-
	Schedule 80 - threaded. Approved nonmetallic piping - only underground.	/					
		7	M. 10.11	111 2	<u> </u>		
6.	STRAINER: Section 5.15.1 & 6.15.4 Strainer element accessible for cleaning	ng.	Mueller	<u> </u>	50 5	WP	
			11/2433			<u> </u>	
7.	FLEXIBLE CONNECTOR: Section 5.8.6 & 6.8.7		551-1-12				_
	36 Inch maximum length, approved hose or listed flexible conn required due to vibration and/or movement.	ector. May be			·		
					<u> </u>		
8.	HYDROSTATIC RELIEF: Section 5.11 & 6.11:		Rego L400	-059		100 PSIG	
	Where liquid is trapped between shutoffs or between shutoff ar bypass valves. Minimum 400 psi.	nd check valves or	·				
9.	PUMP INSTALLATION: Section 5.15.2, 6.15.2, and 6.16.2:		BLACKMEr	L6	PE		
	According to manufacturer's recommendation. Bypass, interna positive displacement pump; or secondary means of bypass that	at cannot be					
	rendered inoperative. Pump operating control/disconnect switc	h near pump.					
							I

APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES (Continued from Page 2)

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ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
10.	BYPASS PIPING: Section 6.8.3: Approved pipe or copper tubing.	Copper tubing
11.*	LIQUID FILL/BYPASS CONNECTION AT CONTAINER: 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° UALUE WIth Rego L400-059 400 BIG RELIEF And Rego 2472 4 GPM BACK Check At TAMK
12.*	VAPOR EQUALIZING/METER LINE CONNECTION AT CONTAINER: 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 6PM 500 #23
13.	LIQUID TRANSFER: 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 144 Swing Check ESV Rego
14.	METER: Section 5.15.5 & 6.15.5: Installed as recommended by the manufacturer and securely mounted and protected against physical damage.	LIGUA-Tech - LPM-IDZ
15.*	LIQUID TRANSFER: 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 36-6Pm
16.	APPROVED BREAKAWAY COUPLING: Section 6.22.4: Required on self-service motor fueling. Does not take the place of excess flow valve.	Rego A ZI4IA 6 - RULAWAY VALUE
17.	APPROVED HOSE: Section 5.8.6: Marked for LP use - may not be used in lieu of piping.	PARKER LP GAS Hose
18.	LOCATION OF POINT OF TRANSFER: Table 6.5.3 and Section 6.5: Distances to buildings, property lines, etc.	See Attacked MAP
19.	PIPING SUPPORT/PROTECTION: 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 - Pife Sufforted by SKid
20.*	EMERGENCY SHUTOFF VALVES/CONNECTIONS FOR FLOW CONTROL: 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

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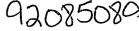
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(Continued	from	Page	3)
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ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
21.	BULKHEAD INSTALLATION OR EQUIVALENT: Section 6.10.8.1: Required on new and existing installations with ESV.	PART OF DISPENSING UNIT CAbinet
22.	EMERGENCY SHUTOFF VALVE: REMOTE SHUTOFF/THERMAL ACTUATION: Section 5.10.4: Required on new and existing installations with ESV and on all Internal Valves.	Rego A 32097L Remote Release Kit With 212°F Thermal Protection
23.	FIXED LIQUID LEVEL GAUGE: Section 5.7.8: Required on storage containers constructed after December 31, 1965.	Rego MULTINALUES - 7.556 R
24.	PRESSURE GAUGE: Section 5.7.9: Required on containers over 2,000 GWC or any size container for LPG service stations.	Read D-300 PS1 948 U
25.	VARIABLE LIQUID GAUGE: Section 5.7.8: Magnetic float or rotary gauge.	MAGNETIC FLOAT Rochester 37" TANK DIA METEr
26.	LABELING OF CONTAINER INLET AND OUTLET CONNECTION: 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.	RAINCAPS: Section 6.7.2.4: Required for all pressure relief devices.	Rego 40 PR Rego 9103-54
28.	SEVEN FOOT STACKS: Section 6.7.2.7: Required for containers of more than 2,000 GWC.	
29.*	PRESSURE RELIEF DEVICES: 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.	PROTECTION AGAINST TAMPERING: 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.	FIRE PROTECTION: 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.	PHYSICAL PROTECTION: 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.	<u>Crash Rail - Posts</u>
MAIL TO	D: WASTE AND HAZARDOUS MATERIALS DIVISION STORAGE TANK UNIT DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30241 LANSING, MI 48909-7741 Page 4	EQP3861 (REV 8/08)



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

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Location of Tanks:

Hart Co-op 3 East Main St Hart, MI 49420 County - Oceana Facility ID - 92085089

KLW MAR 2 3 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 AACS R 29.6001 et seq. The inspection showed that the facility is certified.

If you have additional questions concerning this matter, please contact me.

3-16.2010

Date

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



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – WASTE AND HAZARDOUS MATERIALS DIVISION P.O. BOX 30157, LANSING, MI 48909-7657 Phone 517-335-2690 Fax 517-335-2245 E-mail DEQ-STD-TANKS@state.mi.us

LIQUEFIED PETROLEUM GAS INSPECTION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an in the Headquarters file. All boxes shall be completed inserting NA where non-applicable.	
FACILITY NAME: HART Co- cop.	FACILITY ID NUMBER: 92055089
CONTACT PERSON ON SITE:	FACILITY TYPE:

FACILITY SECTION

SECTION	-	CODE	VIO PASS
1-4.1(C)	DEPARTMENT APPROVAL BEFORE	L126	
1-4.2	NOTIFY DEPARTMENT OF TEMP	L10	
1-5.1	PERSONAL TRAINING	L126	
1-5.2	PERSONAL TRAINING AT DISPENSER STATIONS	L130	X
2-2.4.1	CYLS ON DOCK OR IN TRANSIT ARE CAPPED	L132	nos
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	X
2-4.5.4	ESV W/REMOTE & THERMAL SHUTOFF	L30	X
2-4.6.3	APPROVED HOSE (PROPERLY MARKED)	L32	V
2-5.5.1	STRAINER INSTALLED AND ABLE TO CLEAN	L36	X
3-2.2.2	POINT OF TRANSFER BY TABLE 3-2.3.3	L104	X
3-2.2.7(B)	COMBUSTIBLE MATERIALS WITHIN 10'	L46	V
3-2.10.3	THREADED PIPING MUST BE SCHEDULE 80	L58	V
3-2.10.7	PIPING SUPPORTED & PROTECTED	L60	X

ECTION		CODE	VIO PAS
3-2.10.10	FLEXIBLE CONNECTORS/HOSE MAX 36"	L62	8
3-2.10.11(D)	BULKHEADS OF STEEL OR CONCRETE	L66	mas
3-2.10.11(G)	ESV ON ALL NEW & OLD @ 1 YEAR	L134	in
3-2-11	HYDROSTATIC RELIEF FOR PIPING	L68	X
3-2.15.4	PUMP & METER INSTALLATION	L70	X
3-3.6	TAMPERING PROTECTION	L80	X
3-7.2.1	ELECTRICAL INSPECTOR APPROVAL	L90	7
3-9.3.4	HOSE PROTECTION-ESV, BACK CHECK,	L38	-*#
3-9.4.2	SELF SERVE BREAKAWAY	L76	
3-10.2.5	FIRE EXTINGUISHER 18#	L96	N N
5-2.2.1	VALVE PROTECTION @ DIST POINTS	L112	V
5-4.1	EXCHANGE CYL LOCATION TO BLDS	L142	m
7-1	CYL FILL BUILDING VENT SIZES	L120	×
	OTHER		1.

TANK SECTION

ECTION			/IU PAS
2-2.63	CONTAINER DESIGN/MARKING	L18	
2-3.2.1	PRESSURE RELIEF DEVICES FOR TANKS	L20	X
2-3.4.2	FIXED LIQUID LEVEL GAUGE 12/31/65	L24	Ý
2-3.4.4	VARIABLE LIQUID GAUGE	L26	V
3-2.2.2	LOCATION OF CONTAINER	L44	V
3-2.4.1(C)	CONTAINER PROTECTION 4" SCH 40 W/CONCRETE 5' ON CTR	L122	\checkmark
3-2.4.2	CONTAINER SUPPORTS & PROTECTION	L48	X

Mehar

	CODE	VIO PAS
RAIN CAPS	L50	Πv
7' RELIEF STACKS ON 2000 GAL TANKS	L52	W
PRESSURE GAUGE OVER 2000 GAL	L56	T X
CATHODIC PROTECTION RECORDS	L136	nn
CATHODIC PROTECTION UNDERGROUND	L136	ME
3" NO SMOKING - NO OPEN FLAMES	L138	
WARNING LABEL FOR NON-FILL CYLS	L140	$ \chi $
	7' RELIEF STACKS ON 2000 GAL TANKS PRESSURE GAUGE OVER 2000 GAL CATHODIC PROTECTION RECORDS CATHODIC PROTECTION UNDERGROUND 3" NO SMOKING – NO OPEN FLAMES	RAIN CAPSL507' RELIEF STACKS ON 2000 GAL TANKSL52PRESSURE GAUGE OVER 2000 GALL56CATHODIC PROTECTION RECORDSL136CATHODIC PROTECTION UNDERGROUNDL1363" NO SMOKING - NO OPEN FLAMESL138

3-11-10

_____ DATE _____

COMMENTS:_

INSPECTOR: _

5MK AUG 2 7 2008

92085089

DEC 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.

	er name Emont	Со-ор	LOCATION NAME OF SIT		FACIL 9 208508	9
54	R ADDRESS そのい	r Main	FACILITY STREET ADDR	RESS (PO BOX NOT ACCEPTABL	AREA CODE & TELEPHONE NUMBER	58
CIT	Temor	rt	CITY Hart		ZIP CODE CI9420	
STATE	MI	ZIP CODE 49412	STATE M1	ZIP CODE 49410		
	CODE & TELL	EPHONE NUMBER	CONTACT PERSON (AT I	· # 1		
	TYPE OF I	FACILITY	X	TYPE OF REPORT		
X	Liquefied F	e or Combustible Liquids Store Petroleum Gas Storage ed Natural Gas	age 🗆 🗆	Closure of Facility (All S Closure of Tanks Tank(s) Returned to Se	• ·	

TANKS OUT OF USE OR CHANGE IN SERVICE

	TANK #	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK 500 Ga(,			•		
PRODUCT STORED LP Gas					
DATE TANK WAS:	a, IN	SERT DATE IN	ALL BOXES TH		
A: REMOVED FROM PREMISES	r r	VOID	Not Paic	7-29-08	Rott
B: EMPTIED AND CLEANED			561.50	20	l
C: PIPE DISCONNECTED			ί μ	FU	1
D: CHANGED TO NONREGULATED SUBSTANCE				4	
E: RETURNED TO REGULATED STORAGE					
CERTIFICATIO (Read and Sign After Completin		ons)	-		•
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMIN AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, A	ED AND AM F THOSE INDI	AMILIAR WITH	EDIATELY RESP		
Name and Official Title of Owner or Owner's <u>Authorized</u> Signature <u>Representative</u> (Print) Oennus Payne/ UP	mis	Payne			^{Pate} 7 - 19 - 08
COMMENTS AND/OR CLARIFICATION TO THE STORAGE TANK UNIT STAF	·r:				
· · · · · · · · · · · · · · · · · · ·		<u> </u>			
MAIL TO: STORAGE TANK UNIT WASTE AND HAZARDOUS MATERIALS DIVISION			<u> </u>		

WASTE AND HAZARDOUS MATERIALS DIVISIO DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30241 LANSING MI 48909-7241

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MCHIGAN 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

SMK

JUN 1 1 2008

CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONLY.

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This information is required under 1941 PA 207, as amended. Any owner who knowingly fails to notify or submits false information shall be s misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for hich fairs of amender submitted.

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AMERIGAS	LOCATION NAME OR SITE IDENTIFIER	FACILITY NUMBER
	FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE)	AREA CODE & TELEPHONE NUMBER
Fremont	on Hart	ZIP CODE
STATE MI ZIP CODE 49412-	STATE MI ZIP CODE 49420	
AREA CODE & TELEPHONE NUMBER	Kebecca (yndel)	
TYPE OF FACILITY	TYPE OF REPORT	
	New Owner	
Flammable or Combustible Liquids Stor		ge)
Liquefied Petroleum Gas Storage	. Closure of Tanks	
Compressed Natural Gas	Tank(s) Returned to Service	9

TANKS OUT OF USE OR CHANGE IN SERVICE

	TẠNK #	TANK #	TANK#	TANK #	TẠNK #
CAPACITY OF TANK					
PRODUCT STORED					
DATE TANK WAS:	. INS	ERT DATE IN	ALL BOXES TH	IAT APPLY	
A: REMOVED FROM PREMISES					
B: EMPTIED AND CLEANED					
C: PIPE DISCONNECTED					•
D: CHANGED TO NONREGULATED SUBSTANCE					
E: RETURNED TO REGULATED STORAGE					

CERTIFICATION

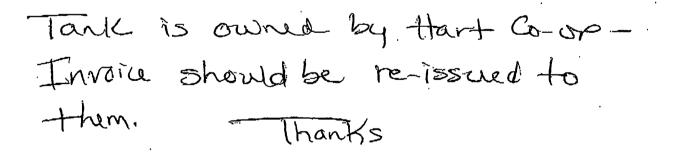
(Read and Sign After Completing ALL Sections) I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. Name and Official Title of Owner or Owner's Authorized Signature Date, 6/10/08 Representative (Print) P nag 0 COMMENTS AND/OR CLARIFICATION TO THE STORAGE TANK UNIT STAFF: α MAIL TO: STORAGE TANK UNIT WASTE AND HAZARDOUS MATERIALS DIVISION DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30241 LANSING MI 48909-7241



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: Americas Steve Vartouten Re: change in-tank ownership Pages: 2 + COVER page



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

Page 1

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C0083461 Ref No: 92085089		Invoice Numb Invoice Date: Payment Due:	June 2, 200	
Qwner Address		Location Address		
Shall Gas (LPG) Bulk, LLC		Hart Co-op		
5857 S Warner Avenue		3 E Main 🔨		
Fremont, 41 49412		Hart, MI 49412	49420	
The owner of a storage tank system shall, upon registration, pay a contification fee for each tank certification fee on storage tank(s) that have bee notification to the DEQ is provided on the require	and continue to pay a	For questions of Phone: (517) 3 Fax: (517) 335	373-6247	
Invoice Item		Quantity	Unit Cost	Total Cost
92085089 Tank #1, 500 Gal LPG		1	\$61.50	\$61.50
The period of registration is from 08/01/20 07/31/2009; tank(s) must be closed or rem before 08/01/2008 and notification of the c	noved			. :.
or removal must be received by DEQ by 0		· .	· · · .	
	ſ	5-08 here m		
			Total: [\$61.50
Payment Due: Augus	t 1, 2008			\$0.00
		· · · · · · · · · · · · ·	Total Invoice:	\$61.50
— — — — — — — — — — — —				<u>·</u>
MAKE CHECK OR MONEY ORDER PAY TO ENSURE PROPER CREDIT, SEND T	HIS PORTION WITH PAY			INVOICE NO: 503513
Michigan Department of Environmenta Cashiers Office - AST	C0083461	Ref No: 9208	5089 WHM	ID AST
PO Box 30657 LANSING, MJ 48909-8157		For Cashier's	s Use Only:	·
(Please note or make any mailing corrections below)		•		
Owner Address Shell Gas (LPG) Bulk, LLC 5857 S Warner Avenue Fremont, MI 49412				
Form: 50023	Total Due: \$61	.50		:

STATE OF MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY WASTE AND HAZARDOUS MATERIALS DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

DEn

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Shell Gas (LPG) Bulk, LLC 5857 S Warner Avenue Fremont, MI 49412 Location of Tanks:

KLW SEP 0 4 2007.

13.

Hart Co-op 3 E Main Hart, MI 49420 County - Oceana Facility ID - 92085089

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 AACS R 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 Rebbeca 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 3 0 2007

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If you have additional questions concerning this matter, please contact me.

44. 27 2007

Date

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



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – WASTE AND HAZARDOUS MATERIALS DIVISION P.O. BOX 30157, LANSING, MI 48909-7657 Phone 517-335-2690 Fax 517-335-2245 E-mail DEQ-STD-TANKS@state.ml.us

LIQUEFIED PETROLEUM GAS INSPECTION CHECKLIST

	FACILITY	rters file. All boxes shall be completed Inserting I NAME: HART & - C	9p.				FACILITY ID NUMBER: 7208	508	79	,
(CONTACT	PERSON ON SITE: Rebbeca	Ť	-	1a []	(FACILITY TYPE:			
						Y SECTION				
SI	ECTION		CODE	VIO	PASS	SECTION		CODE		PA
_	1-4.1(C)	DEPARTMENT APPROVAL BEFORE	L126		X	3-2.10.10	FLEXIBLE CONNECTORS/HOSE MAX 36"	L62 .		Ľ
1	1-4.2	NOTIFY DEPARTMENT OF TEMP	L10	n	m	3-2.10.11(D)	BULKHEADS OF STEEL OR CONCRETE	L66	1	抣
	1-5.1	PERSONAL TRAINING	L126		me	3-2.10.11(G)	ESV ON ALL NEW & OLD @ 1 YEAR	L134		b
	1-5.2	PERSONAL TRAINING AT DISPENSER	L130	13		3-2-11	HYDROSTATIC RELIEF FOR PIPING	L66		
2	2-2.4.1	CYLS ON DOCK OR IN TRANSIT ARE	L132		110	3-2.15.4	PUMP & METER INSTALLATION	L70		
:	2-3.3.1	CAPPED VALVES MUST COMPLY W/TABLE	L22		X	3-3.6	TAMPERING PROTECTION Calo.	L80		Ň
:	2-3.7(E)	2-3.3.2A LIQUID & VAPOR LABELING FOR PIPING	L54	\square	v	3-7.2.1	ELECTRICAL INSPECTOR APPROVAL	L90		X
:	2-4.5.4	ESV W/REMOTE & THERMAL SHUTOFF	L30		X	3-9.3.4	HOSE PROTECTION-ESV, BACK CHECK, EXCESS FLOW	L38])
-	2-4.6.3	APPROVED HOSE (PROPERLY MARKED)	"L32	******	Y		SELF SERVE BREAKAWAY	L76	··	
-	2-5.5.1	STRAINER INSTALLED AND ABLE TO	L36		V	3-10.2.5	FIRE EXTINGUISHER 18#	L96		Б
	3-2.2.2	CLEAN POINT OF TRANSFER BY TABLE 3-2.3.3	L104	$\left - \right $	V	5-2.2.1	VALVE PROTECTION @ DIST POINTS	L112	T	1.
	3-2.2.7(B)	COMBUSTIBLE MATERIALS WITHIN 10'	L46			5-4.1	EXCHANGE CYL LOCATION TO BLDS	L142	N	Ŧ
	3-2.10.3	THREADED PIPING MUST BE	L58		$\frac{1}{V}$	7-1	CYL FILL BUILDING VENT SIZES	L120	\square	T
-	3-2.10.7	SCHEDULE 80 PIPING SUPPORTED & PROTECTED	L60				OTHER		<u>† </u>	T
			<u> </u>					1	<u> </u>	
					TANK	SECTION				
2	ECTION		CODE		PASS	SECTION		CODE		<u>P/</u>
-	2-2.63	CONTAINER DESIGN/MARKING	L16		X	3-2.6.3(A)	RAIN CAPS	L'50		
-	2-3.2.1	PRESSURE RELIEF DEVICES FOR TANKS	L20		V	3-2.6.3(B)	7' RELIEF STACKS ON 2000 GAL TANKS	L52	n	14
	2-3.4.2	FIXED LIQUID LEVEL GAUGE 12/31/65	L24		V	3-2.7F	PRESSURE GAUGE OVER 2000 GAL	L.58		1
	2-3.4.4	VARIABLE LIQUID GAUGE	L26		X	3-2.14	CATHODIC PROTECTION RECORDS	L136	1	21
	3-2.2.2	LOCATION OF CONTAINER	L44		$\frac{1}{\sqrt{2}}$	3-2.14	CATHODIC PROTECTION UNDERGROUND	L136	- <u> -</u>	812
	3-2.4.1(C)	CONTAINER PROTECTION 4" SCH 40	L122		k V	4-2.2.3.1	3" NO SMOKING NO OPEN FLAMES	L138	+-	\dagger
_	3-2.4.1(0)	W/CONCRETE 5' ON CTR CONTAINER SUPPORTS & PROTECTION	L48			4-2.2.3.1	WARNING LABEL FOR NON-FILL CYLS	L140	+	\dagger
	3-2.4.2		-		X					⊥⊿

COMMENTS:_

500 gollars 05175 2007

DATE 8-21-37.

UMMENTS:_____

County Elec 24. Shr. 7-07 sclona

Waste & Hazardous

Materials Division

AUG 3 0 2007

INSPECTOR:

Mi Vêr



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 0 6 2001

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 AACS R 29.4001 et seq. The inspection showed that the facility is certified.

If you have additional questions concerning this matter, please contact me.

if milley

Oct. 4. 2007

Date

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

DE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - STORAGE TANK DIVISION

SMK AUG 3 1 2007 FA	CILITY INFORMATION SHEET	92085089
FACILITY NAME	FACILITY TYPE	FACILITY NUMBER
Hart Co-op	LPG - Dist Point	92085089
FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE)	CONTACT PERSON (AT LOCATION)	AREA CODE & TELEPHONE NUMBER
3 East Main	Rob Zeldenrust - Fremont Co-op	
CITY	STATE	ZIP CODE
Hart	Michigan	49420
TANK OWNER'S NAME	STREET ADDRESS	AREA CODE & TELEPHONE NUMBER
Amerigas (Old Shell Gas)	Owner ID = 61299	
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

		MANUFACTURER	YEAR	CAPACITY
LPG	6SE-051937	American Welding	2002	500
<u></u>	<u></u>			
	++	······································		
		LPG 6SE-051937	LPG 6SE-051937 American Weiding	LPG 6SE-051937 American Weiding 2002

FACILITY TYPE

AST		LPG	CNG
D BULK PLANT			
I MARINE SS	D PRIVATE SS	D INDUSTRIAL PLANT	
OIL BURNING FACILITY	D FL/CL		

INSPECTOR NAME:

ML

Michael McKinley

August 21, 2007

Waste & Hazardous Materials Division

AUG 3 0 2007

EQP3865 (REV 5/98)

Maled 6-28-07 /um

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - WASTE AND HAZARDOUS MATERIALS DIVISION

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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.

	date June 22, 2007	TANK NUMBER(S)	\$	FACILITY_NUMBER ≠92085089	REFERENCE #		
	LAMMABLE AND COMBUSTIBLE LIC ETROLEUM GAS FACILITY S NATURAL GAS FUELING FACILIT		TIONS				
ARCHITECT/ENGINEER/INSTALLER Amerigas - Fremont 5857 South Warner Fremont , MI 49412		PROJECT: ADDRESS: COUNTY:	Hart Co-op 3 E Main Hart , MI 4 Oceana				
	cifications for the above proje				ules.		
	nspection approval will be req		· · ·	Into operation.	OLLOWING REASONS		
District Office, telephone numb placed into service until Depart	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						
Provide certification of complianc	e with the National Electrical	Code at final inspec	tion.				
If this system is not installed withi	n one year, please contact th	nis office for possible	e resubmittal	of plans.			
This review is based upon subr department of Environment Qu and local goverment laws, inclu during site inspections.	ality, does not relieve an ov	wner or installer fro	om having to	o meet the requireme	nts of other state		
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							
cc: Michael McKinley, DEQ		, i i i i i i i i i i i i i i i i i i i	Storage Tar	ik Offic			



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

·					
	ч NAME Hart Co-op	NEW ASSIGNED T			42085087
	Y STREET ADDRESS (PO BOX NOT ACCEPTABLE) Main	CONTACT PERSO Becky Tynd			AREA CODE & TELEPHONE NUMBER (231) 873-2158
CITY	Hart	COUNTY Ocear	a	STATE MI	ZIP CODE 49420
SUBMIT	TER'S NAME	STREET ADDRESS	3		AREA CODE & TELEPHONE NUMBER
	erigas	5857 South \	Varner		(231) 924-2140
CITY Frei	nont	STATE Michigan			ZIP CODE 49412
ITEM	DESCRIPTION				ER & PART NUMBER
1.*	CONTAINER DESIGN: Section 2-2: 250 psi working pressure.		500 Gallon Tanl Field verify man	-	er, year and serial number
2.	CONTAINER SUPPORTS/INSTALLATION: Section 3-2.4:		Steel Supports		
3.	LOCATION OF CONTAINER: Table 3-2.2.2: To important buildings, property lines which may be built upo container: minimum three feet. 20 feet from FL/CL tank. Ter Important building considerations - occupied by persons or co 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 uncontro release.	olled/accidental	C407-10 Fisher		
5.	PIPING INSTALLATION: Section 3-2.10 Schedule 40 - welded. Schedule - threaded. Approved nonmetallic piping - only underground.		Schedule 80 thre 2000 PSI fittings		ping
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 cor required due to vibration and/or movement.	nnector. May be	Toledo Flex		
8.	HYDROSTATIC RELIEF: Section 3-2.11: Where liquid is trapped between shutoffs or between shutoff bypass valves. Minimum 400 psi.	and check valves or	H124 Fisher		
9.	PUMP INSTALLATION: Section 3-2.15: According to manufacturer's recommendation. Bypass, inter positive displacement pump; or secondary means of bypass rendered inoperative. Pump operating control/disconnect sw	that cannot be	LGF1PC Blackn	ner	

APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES

(Continued from Page 2)

ITEM	DESCRIPTION	MANUFACTURER & PART NUMBER
10.	BYPASS PIPING: Section 3-2.10: Approved pipe or copper tubing. Hose is not allowed per Section 3-2.7.10.	¹ / ₂ K Copper
11.*	LIQUID FILL/BYPASS CONNECTION AT CONTAINER: 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.*	VAPOR EQUALIZING/METER LINE CONNECTION AT CONTAINER: Table 2-3.3.2 - Vapor Equalizing (E): Combination of valves to prevent uncontrolled/accidental release.	Fisher F202 excess flow Fisher L680 Valve
13.	LIQUID TRANSFER: 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.	METER: Section 3-2.15.4: Installed as recommended by the manufacturer and securely mounted and protected against physical damage.	Neptune ¾" 4D
15.*	LIQUID TRANSFER: 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.	APPROVED BREAKAWAY COUPLING: 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.	APPROVED HOSE: Section 2-4.6: Marked for LP use - may not be used in lieu of piping.	¹ / ₂ " LP hose
18.	LOCATION OF POINT OF TRANSFER: Table 3-2.3.3: Distances to buildings, property lines, etc.	See Drawing
19.	PIPING SUPPORT/PROTECTION: 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.*	EMERGENCY SHUTOFF VALVES/CONNECTIONS FOR FLOW CONTROL: 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 11/2" 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

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APPLICATION FOR INSTALLATION OF LIQUEFIED PETROLEUM GAS FACILITIES (Continued from Page 3)						
Λ	DESCRIPTION	MANUFACTURER & PART NUMBER				
		N/A				

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TEM	DESCRIPTION	MANUFACTURER & PART NUMBER
21.	BULKHEAD INSTALLATION OR EQUIVALENT: Section 3-2.10.11 (e): Required on new and existing Installations with ESV.	N/A
22.	EMERGENCY SHUTOFF VALVE: REMOTE SHUTOFF/THERMAL ACTUATION: Section 2-4.5.4: Required on new and existing installations with ESV.	Cable Release
23.	FIXED LIQUID LEVEL GAUGE: Section 2-3.4.2: Required on storage containers constructed after December 31, 1965.	Rego TSS3169
24.	PRESSURE GAUGE: 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.	VARIABLE LIQUID GAUGE: Section 2-3.4.3 Magnetic float or rotary gauge.	Squib Taylor 7281
26.	LABELING OF CONTAINER INLET AND OUTLET CONNECTION: 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.	RAINCAPS: Section 3-2.6.3(a) Required for all pressure relief devices.	Rubber Caps
28.	SEVEN FOOT STACKS: Section 3-2.6.3(b): Required for containers of more than 2,000 GWC.	N/A
29.*	PRESSURE RELIEF DEVICES: 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.	PROTECTION AGAINST TAMPERING: 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.	FIRE PROTECTION: 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.	PHYSICAL PROTECTION: 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 T	O: WASTE AND HAZARDOUS MATERIALS DIVISION STORAGE TANK UNIT DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30157 LANSING, MI 48909-7657 Page 4	EQP3861 (REV 11/2002)

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division

(MAR)

CHANGE OF INFORMATION FORM ABOVEGROUND TANKS ONL

This information is required under 1941 PA 207, as amended. Any owner who know him is constituent for 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 Subur BAN Propans LOCATION NAME OR SITE	tas 6-00 FAC, 92085089
1535 S. WALKER Rd. 3 EAST	SS (P.O. BOX NOT ACCEPTABLE)
MUSKEGON CITY HART	ZIP CODE 49420
STATE The CODE AREA CODE & TELEPHON	E NUMBER
AREA CODE & TELEPHONE NUMBER 616 - 837 - 7366	DEATIONI DENNIS RECEIVED
TYPE OF FACILITY Flammable or Combustible Liquids Storage Liquefied Petroleum Gas Storage	Image: August 1 TYPE OF REPORT AUG 1 52016 Image: New Owner AUG 1 52016 Image: Closure of Facility (All Storage)
 Compressed Natural Gas Hydrogen Storage 	 Closure of Tanks Tank(s) Returned to Service

TANKS OUT-OF-USE OR CHANGE-IN-SERVICE

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #
CAPACITY OF TANK	500				
PRODUCT STORED	Propane	-			
	Y Y	INSERT DATI	E IN ALL BOXE	S 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) Signature Date 5-20 UAMON MYERS , COMMENTS AND/OR CLARIFICATION

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

MI LARA FOIA Center <michiganlara@govqa.us> Wednesday, October 19, 2022 9:34 AM Savoy, Ariane FOIA Request :: R098438-101222

EXTERNAL EMAIL

--- Please respond above this line ---



GRETCHEN WHITMER GOVERNOR

STATE OF MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY A 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. <u>Please also note that a list of underground storage</u> tank information in the possession of LARA may now be accessed via the following link: <u>Underground Storage</u> <u>Tank Information</u>.

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.

To review a copy of LARA's written public summary, procedures, and guidelines, please visit **www.michigan.gov/larafoia**.

Sincerely,

Andrea Moua

LARA FOIA Office

MI LARA FOIA Center <michiganlara@govqa.us> Wednesday, October 19, 2022 1:36 PM Savoy, Ariane FOIA Request :: R098437-101222

EXTERNAL EMAIL

--- Please respond above this line ---



GRETCHEN WHITMER GOVERNOR

STATE OF MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY A 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. <u>Please also note that a list of underground storage</u> tank information in the possession of LARA may now be accessed via the following link: <u>Underground Storage</u> <u>Tank Information</u>.

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).

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If you have questions concerning this matter, please email us at larafoiainfo@michigan.gov.

To review a copy of LARA's written public summary, procedures, and guidelines, please visit **www.michigan.gov/larafoia**.

Sincerely,

Andrea Moua

LARA FOIA Office

EGLE FOIA Request Center <michiganegle@govqa.us> Friday, October 14, 2022 8:59 AM Savoy, Ariane 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.

EGLE FOIA Request Center <michiganegle@govqa.us> Friday, October 14, 2022 8:58 AM Savoy, Ariane 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.

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.

EGLE FOIA Request Center <michiganegle@govqa.us> Friday, October 14, 2022 8:59 AM Savoy, Ariane 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.

From:	EH Oceana County <ehoceanacounty@dhd10.org></ehoceanacounty@dhd10.org>
Sent:	Tuesday, October 11, 2022 11:45 AM
То:	Savoy, Ariane
Cc:	Stephanie Jacobs
Subject:	FOIA for 3 & 15 Main Street & 15 Courtland Street, Hart MI 49420

EXTERNAL EMAIL

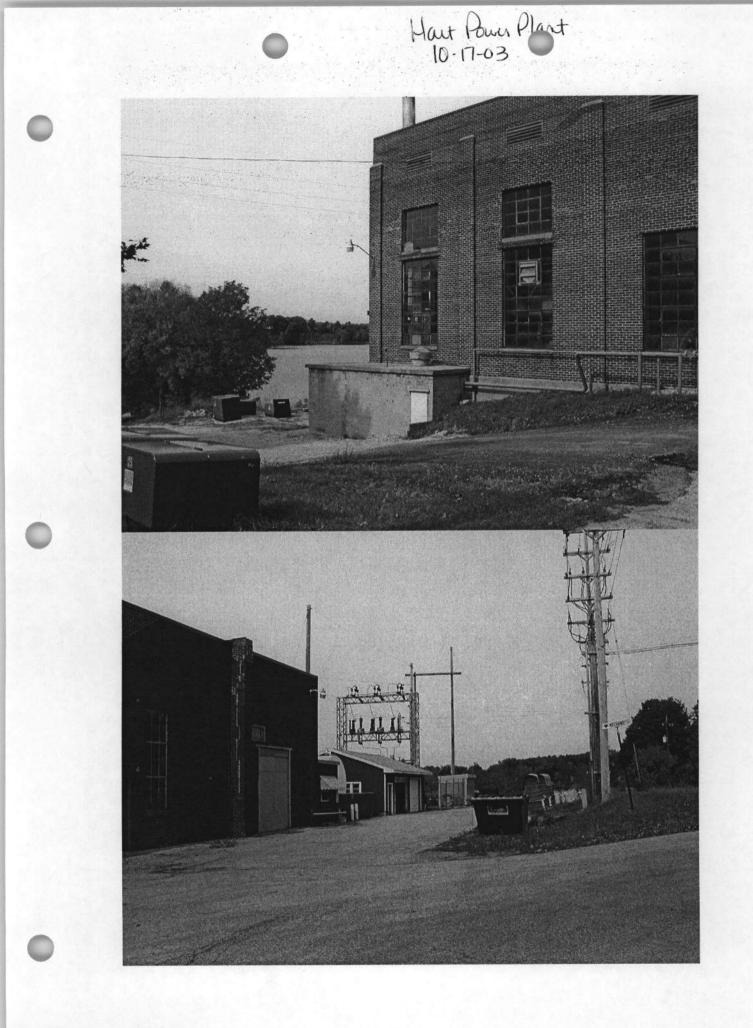
Dear Ms. Savoy,

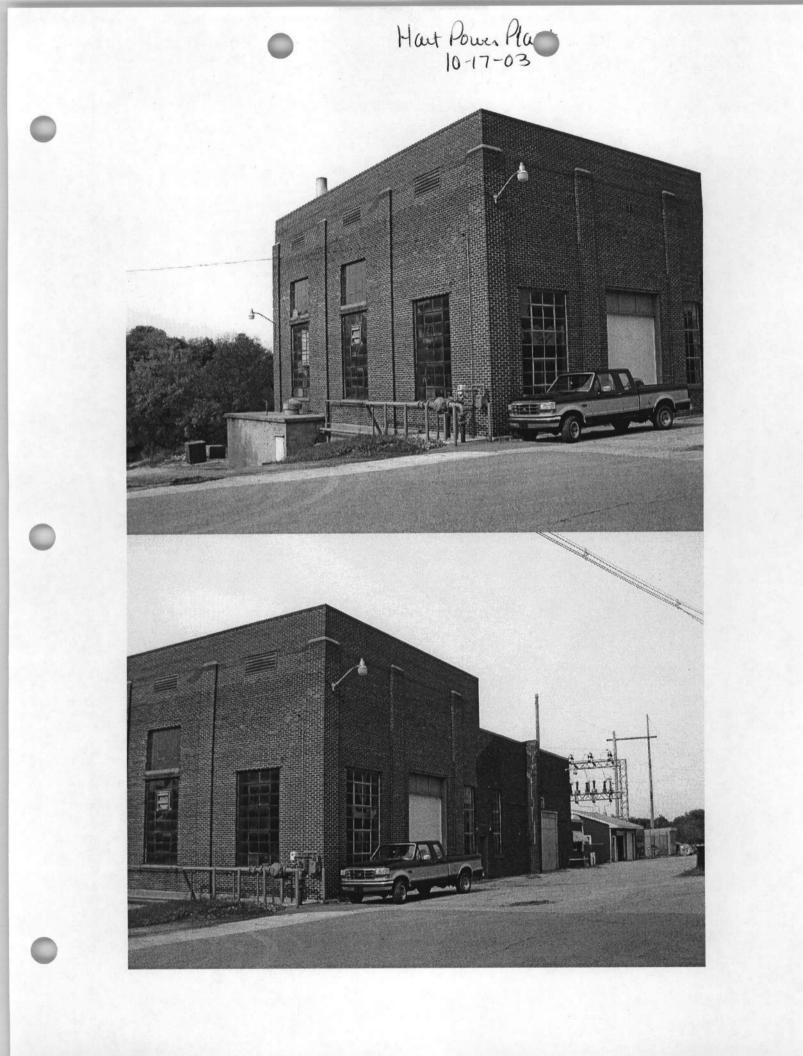
In searching our street files, there was nothing found for the 3 above-mentioned addresses. This portion of the City of Hart has been service with municipal water and sewer for many years.

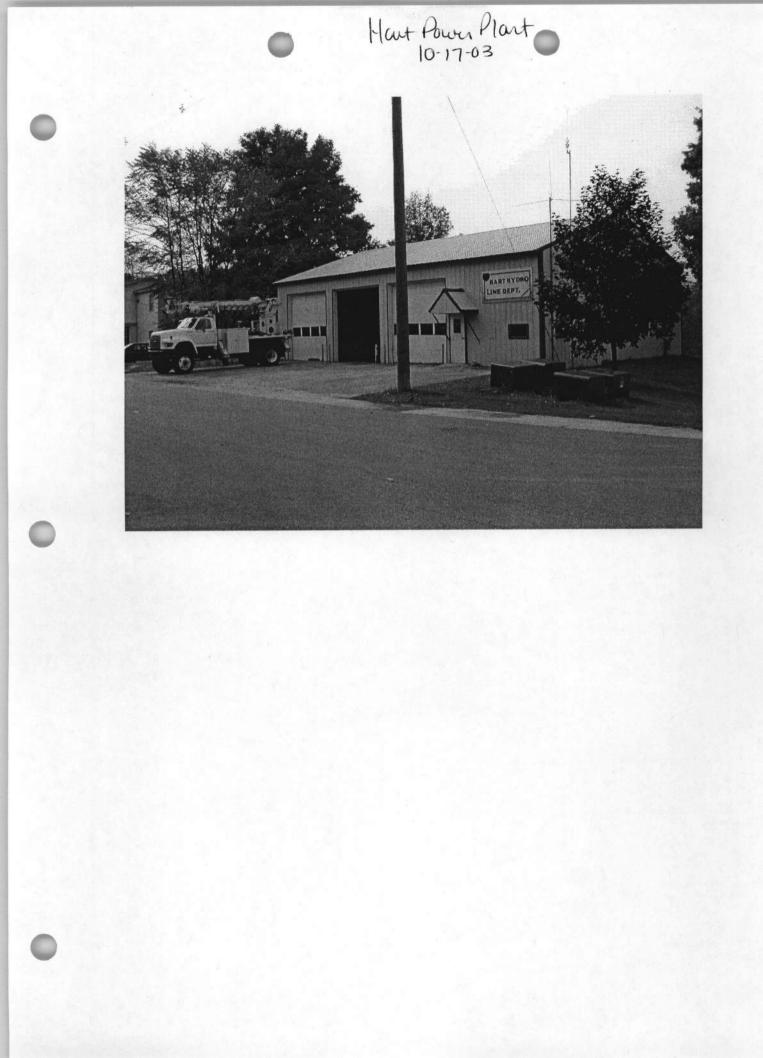
Mark Hill Oceana County Sanitarian

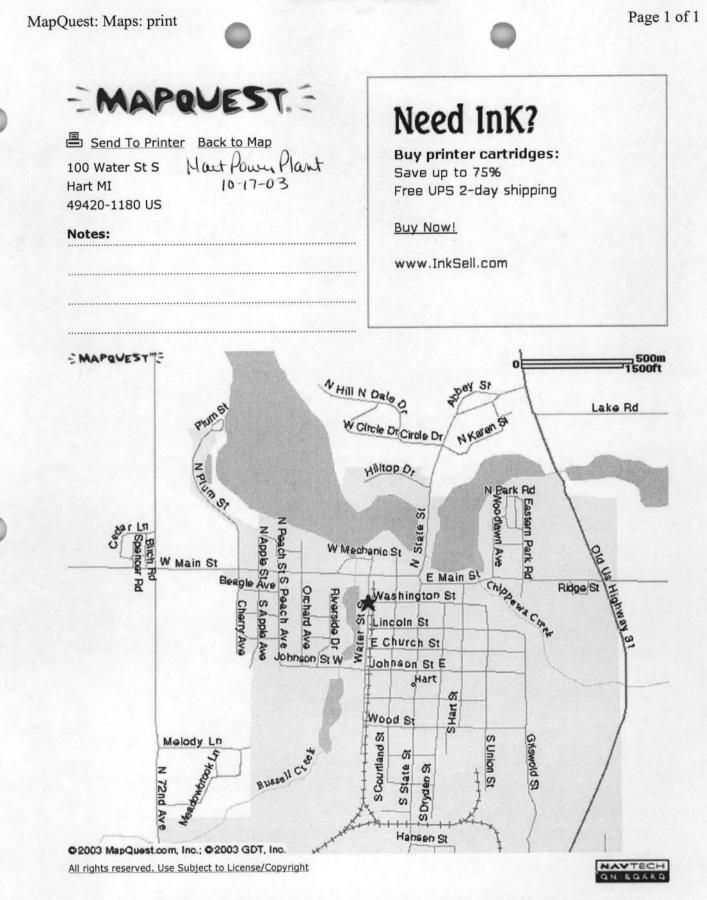


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BASELINE ENVIRONMENTAL ASSESSMENT CONDUCTED PURSUANT TO SECTION 20126(1)(c) OF 1994 PA 451, PART 201, AS AMENDED AND THE RULES PROMULGATED THEREUNDER

101 SOUTH WATER STREET Hart, Oceana County, Michigan

PREPARED FOR: West Michigan Community Mental Health System

December 15, 2014 Project No. 0091.03673.1

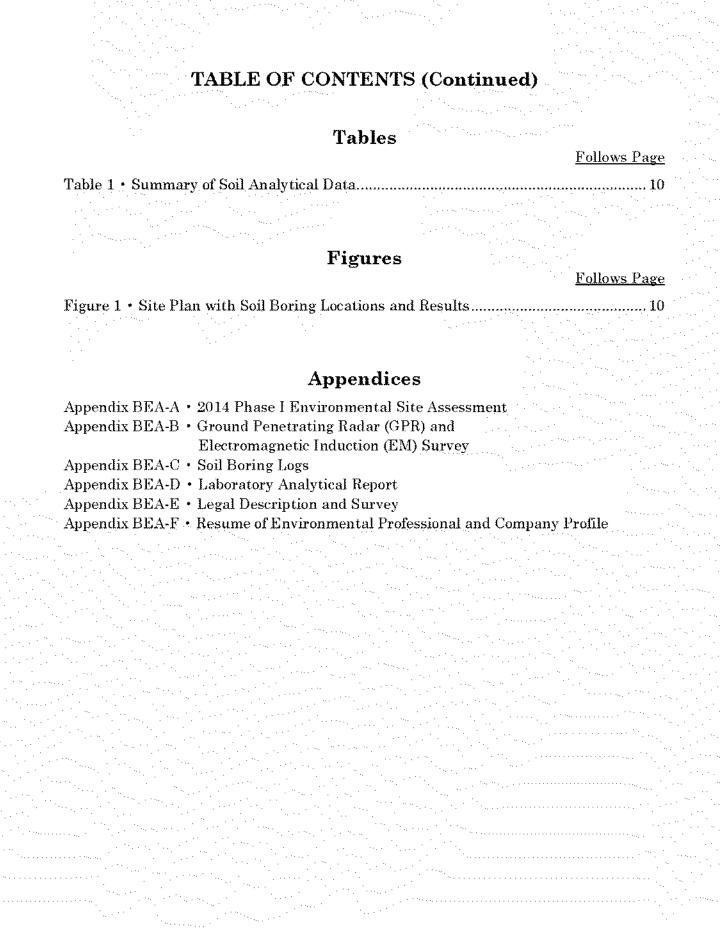


4328 Three Mile Road, NW, Suite 200, Grand Rapids, MI 49534 Telephone 616.791.7100

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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 1RA, 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 (WMCMHS) intends to purchase the Property in December 2014. WMCMHS 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 WMCMHS for office space and a small retail shop. Ms. Julie VanAgtmael at telephone (231) 873-6430 represents WMCMHS.

Intended Use of Property

WMCMHS 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.

WMCMHS 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 LiquinoxTM 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.

Homers 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.

Baseline Environmental Assessment 101 South Water Street, Hart, Oceana County, Michigan

REFERENCES

- ASTM International. 2014. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E1527-13. West Conshohocken, Pennsylvania.
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- ASTM International. Re-approved 2005. Standard Guide for Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities, ASTM D 5299 – 99. West Conshohocken, Pennsylvania.
- Bio-Chem Laboratories, Inc. November 26, 2014. Analytical Report, Order No. 1411101. Grand Rapids, Michigan.
- Great Lakes Subsurface, L.L.C. November 17, 2014. Ground Penetrating Radar (GPR) and Electromagnetic Induction (EM) Survey. 101 S. Water Street. Hart, Michigan. Spring Lake, Michigan.
- Hepworth Land Surveying, LLC. November 15, 2014. Certificate of Survey. Pentwater, Michigan.
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- Michigan Department of Environmental Quality. 2005. Michigan Background Soil Survey. Hazardous Waste Technical Support Unit. Hazardous Waste Section. Waste and Hazardous Materials Division. Lansing, Michigan.
- Michigan Department of Environmental Quality. October 2014. Baseline Environmental Assessment Submittal Form. Remediation and Redevelopment Division. Lansing, Michigan.
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- Rose & Westra, Inc. December 12, 2014. Phase I Environmental Site Assessment, 101 South Water Street, Hart, Oceana County, Michigan. Grand Rapids, Michigan.
- State of Michigan. 2014. Part 201 of the Natural Resources and Environmental Protection Act, As Amended. Lansing, Michigan.
- Transnation Title Agency of Michigan. October 24, 2014. Commitment for Title Insurance (Commitment No. 140938WMS). Muskegon, Michigan.

TABLE 1: SUMMARY OF SOIL ANALTYICAL DATA 101 South Water Street Hart, Michigan

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		Tvocial Statewide	Background Range **	ΨN	NA MA	NA NA	NA	4N	MA	NA	NA	NA NA	NA NA	KA M	NA	ΝA	NA.	NA	NA	NA	<40-2,590	~470-27.700	4.000-220.000	<200-1,800	<50-2.500	1,400-55.000	<3.000-12.000	1,000-58,000	852.000-34.233.000	1.000-45.000	<25-600	<5,000	2,400-39.000	<60-1,200	<200-2,000	
Hazardous Substance Information		Chemical Abstract Service		Vanes	83329 :	208958	+20127	\$6553	50326	205992	\$91242	207089	218019	63703	206440	867.37	\$83385	g 1203	85018	\$29000	7440360	7440382	7440393	71624.57	7440439	Varies	7440484	7440508	7439896	74 39921	7432976	7439987	7440020	7782492	7440224	
Hazardous Subs			Hazardous Substance	VOCS Variants VOCs	: Acenaphthene	Acenaphthylene	Anthracene	Beszo(z)anthracene (C)	Benzo(a)pyrene (Q)	Beago(b)fluorantheae (Q)	Beszo(g.h.i)pentene	Beazo(k)fluoranthene (Q)	Chrysene (O)	Dibenzu(a.h)anMracone (Q)	Fluoranthere	Fløorene	Indeno(1,2,3-cd)pyrene (Q)	Naphthalece	Phonanthrene	Pyrene	; Antimony	Arsenic (B)	Basum (B)	Berylium	Cadmium (B)	Chromium (totai) (8,H)	Cobalt	Copper (B)	Iron (B)	Lead (8) - Total	Mercury (total) (B.Z)	Molybdenum (B)	Nickel (B)	Setenium (B)	Silver (3)	

Notes : all units in up/Kg (parts per billion). * Typical range of values so utilined in the Michigan Background Soil Survey, 2006 For compare definitions of the foctories used in this stells see R 2018,5721 of the Michigan Administrative Code

= Value exceeds the Groundwater Surface Water Interface Protection Criteria. Bold

= Not detected

= Not tested

The consortination of the hazardous substance does not exceed its method detecton timt (XXX).
 Insufficient data to develop oriterion.

= Critetion or value is not available or not applicable. = Hazardows substance is not šikely to karch under most soil conditions = Hazardows substance is not šikely to volabilize under znost conditions.

(B) Background, as defined in MCL 324 2010;(1)(e), revy be substitled if higher than the calculated cleanup oriterion.
(B) Packground, as defined in MCL 324 2010;(1)(e), revy be substitled if higher than the calculated cleanup oriterion.
(E) Ecoterion is the aeviterior deceeds (100%, hence it) revocated to (200%, sor 105–90 pb).
(E) Ecoterion is the aeviterior deceeds (200%, hence it) revocated to (200%) sor 105–90 pb).
(E) Ecoterion is the aeviterior deceeds (200%, hence it) revocated (200%) sor 105–90 pb).
(E) Ecoterion is the aeviterior difference device and the device methy and the ecotiong surface water. A functiones of 150 mp CarCO3/I was used to calculate this criteria.
(I) E-Vaeton-seeds, chronnum data (C) if and C(C) that he conserved in the first in analylus dual as a pointed by to lat chronnum data (C) if and C(C) that he conserved to the ecoteronomic presend as a pointed by the relativistic deceeds and the conserved of the ecoteronomic data (C) if and C(C) that he conserved to the ecoteronomic page as a public data are pointed by the economic data (C) if and C(C) that he conserved to the ecoteronomic page as a public data are pointed by the economic data (C) that here conserved to the range decelor imm.
(M) E-Calculated ecitient is there were in the economic data is to be a provide and the start supply for anomatic high economic data is to be a conserved on the first economic data is to be a supplicit anomatic high economic data is to be a conserved on the first economic data is a conserved on the economic data is to be a supplicit anomatic data as a conserved on the economic data is to be a supplicit anomatic data and a conserved on the economic data is to be a supplicit anomatic data and a conserved on the economic data is to be a conserved on the economic data is to be a conserved on the economic data is to be a conserved on the economic data is to be a conserved on the economic data is to be a conserved on the economic data is tobserved.
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Pikase refer to the Footnotes for Part 201 Criteria and Part 213 Risk-Based Screecing Levels, December 4, 2013 for a more complete description of the above items.

Rose & Westra. Inc. Project No.: 0094.03673.1 Page 1 of 1



Quick Search

Advanced Search

Site ID

Site Contacts

457967 / MIG000006978 CITY OF HART 407 STATE ST, HART, MI 49420

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Recent Sites

 \checkmark

Site

	Site Name		
	CITY OF HART		
	S	Site Identification	
WDS ID Number:	457967		History
Site ID Number:	MIG000006978		History
Legal Site Name:	CITY OF HART		History
Specific Site Name:	CITY OF HART		History
District:	GRAND RAPIDS		
	Ado	dress 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	
Tax Number:			History
No Number Because:			
GPS Coordinates (provi	de five decimal places)		
Latitude Coordinate:			
Longitude Coordinate	2:		
Collection Method:			
Receives All Waste?:	No		
Railroad?:	No		
Facility on Indian Res	servation Land?: No		
Utilization Activities:			
Scrap Tires Activities	:		
Scrap Tires Acres:			
NAICS Codes (up to f	our six-digit codes):		
(The list of NAICS code	s in WDS is based on the 2007 de	efinitions provided by the U.S.Census Bureau.)	
000000 - No NA	ICS Value Reported to Date (INA	CTIVE)	
	н	az Waste Contact	

First Name:	BERRY	M.I.:	
Last Name:	VINCENT		
Phone Number:	(616) 873-2434	Ext:	Fax:
Alternate Phone:			
Email Address:			

Petitions (0)	Used Oil Biennial Reports (0)	Parceling (0) Institutional Controls (0
Exemptions (0)		
Discovery Date	Source of Information	Summary
1/1/1970	State	Liquid industrial waste generator

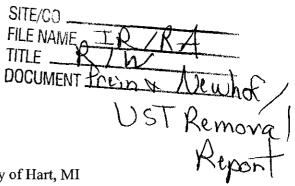
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August 13, 2004 2040848G

Michigan Department of Environmental Quality Waste and Hazardous Materials Division P.O. Box 30157 Lansing, MI 48909-7657



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.

MDEQ Waste & Hazardous Materials August 12, 2004 Page 2 of 2

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 Edward A. Higuera, P.E. **Enclosures:** Appendix I - Site Location Map Appendix II - Field Sketch of Soil Boring Locations

Appendix III – Laboratory Report

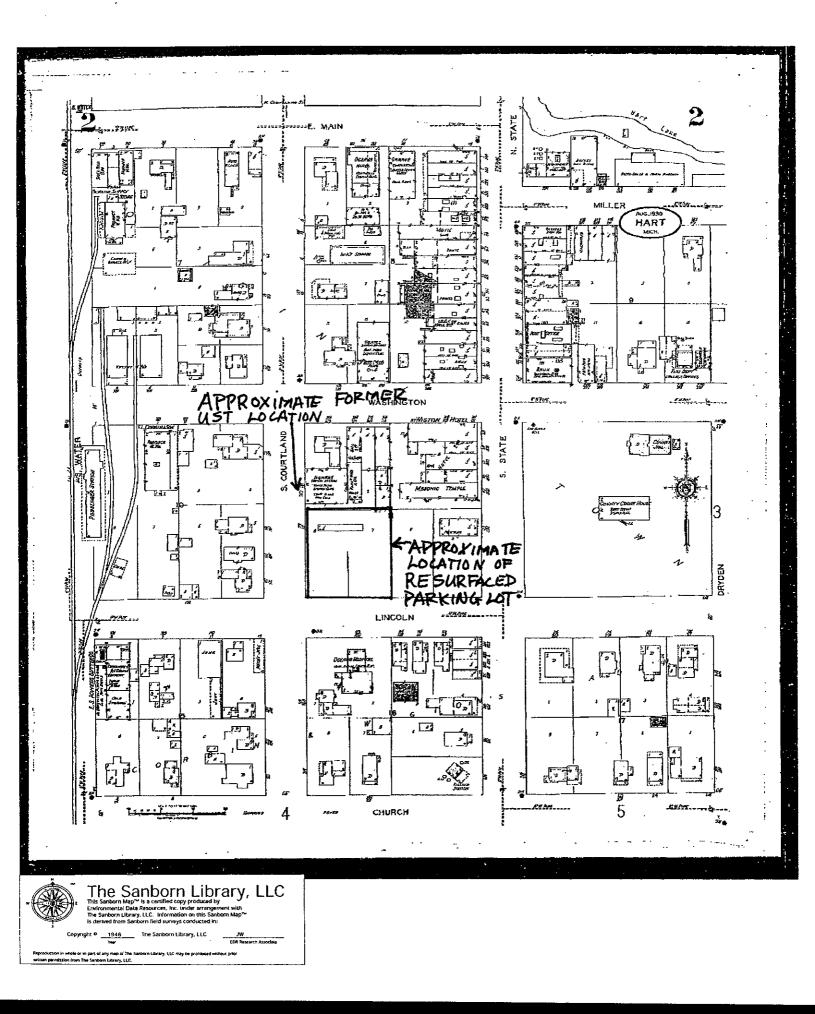
c: MDEQ-STD Grand Rapids

Appendix I

• Site Location Map

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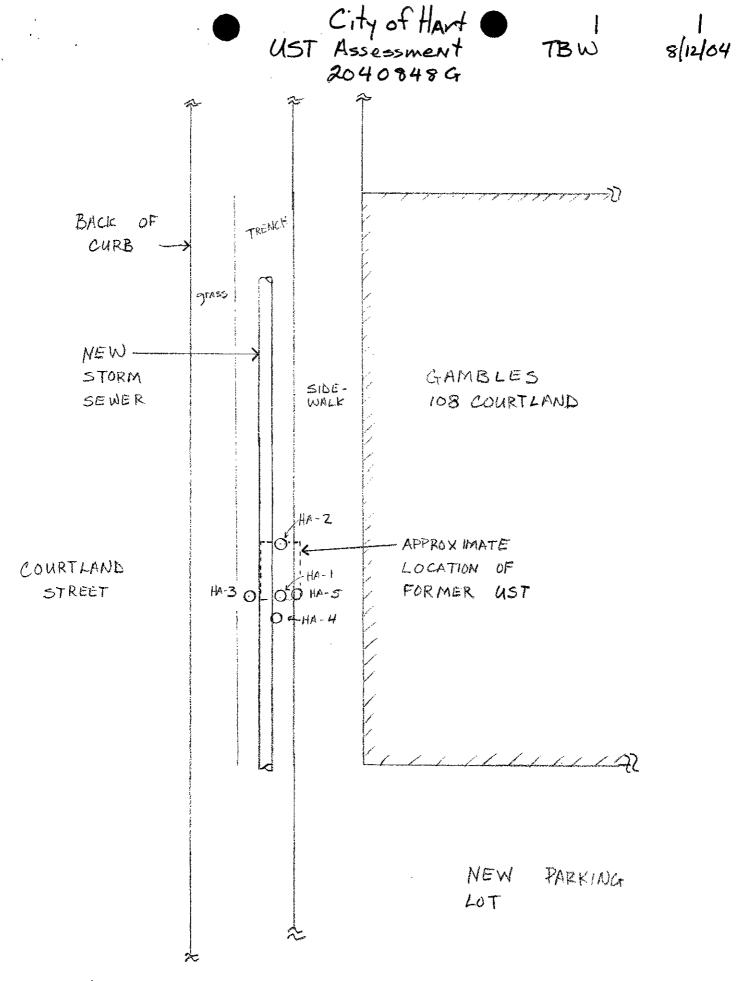
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Appendix II

• Field Sketch of Soil Boring Locations

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SCAle 1 ~ 10'

Appendix III

• Lab Reports

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### Delivery Group: 2004:0004242 Customer Name: Prein & Newhof

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Address: 3355 Evergreen Dr NE

### Grand Rapids, MI 49525

Project Name: Hart - 108 Courtland St

Project #: 2040848L Contact Name: Mr Ed Higuera PE : 3355 Evergreen Dr NE

> : Grand Rapids, MI 49525 Sampled By: T Woodburne P&N

ParameterUnitsReceivedBasisAnalystMethod #DatePrep: SVOA ExtractionDEWITTBasisAnalystMethod #Date2 Methyl Naphthalene $\mu g/kg$ <250<308DEWITT83108/10/04Acenaphthylene $\mu g/kg$ <250<308DEWITT83108/10/04Acenaphthylene $\mu g/kg$ <250<308DEWITT83108/10/04Acenaphthylene $\mu g/kg$ <250<308DEWITT83108/10/04Anthracene $\mu g/kg$ <250<308DEWITT83108/10/04Benzo(a)anthracene $\mu g/kg$ <250<308DEWITT83108/10/04Benzo(a)pyrene $\mu g/kg$ <250<308DEWITT83108/10/04Benzo(k)fluoranthene $\mu g/kg$ <250<308DEWITT83108/10/04Benzo(k)fluoranthene $\mu g/kg$ <250<308DEWITT83108/10/04Benzo(k)fluoranthene $\mu g/kg$ <250<308DEWITT83108/10/04Chrysene $\mu g/kg$ <250<308DEWITT83108/10/04Dibenzo(a,h)anthracene $\mu g/kg$ <250<308DEWITT83108/10/04Fluoranthene $\mu g/kg$ <250<308DEWITT83108/10/04Dibenzo(a,h)anthracene $\mu g/kg$ <250<308DEWITT83108/10/04Fluoranthene $\mu g/kg$ <250<308DEWITT83108/10/04		8/ 9/04	Sample Received:			eID: HA-1 6'	Client Sampk	ab Log #: 2004:0004242-1
ParameterUnitsReceivedBasisAnalystMethod #DatePrep: SVOA ExtractionDEWITT $Britolod = 0$ DEWITT $Britolod = 0$ $Britolod =$	As Recv		Sample Date:		D	4 -		
Prep: SVOA Extraction         DEWITT         8/10/04           2 Methyl Naphthalene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Acenaphthene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Acenaphthylene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Acenaphthylene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Anthracene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Benzo(a)anthracene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Benzo(a)pyrene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Benzo(b)fluoranthene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Benzo(k)fluoranthene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Chrysene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Fluoranthene <th>MDL</th> <th></th> <th>Method #</th> <th>Analyst</th> <th>•</th> <th></th> <th></th> <th>Parameter</th>	MDL		Method #	Analyst	•			Parameter
2 Methyl Naphthalene       µg/kg       <250		8/10/04						
Acenaphthene         μg/kg         <250         <308         DEWITT         8310         8/10/04           Acenaphthylene         μg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	
Acenaphthylene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Anthracene         µg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250		
Anthraceneµg/kg<250<308DEWITT83108/10/04Benzo(a)anthraceneµg/kg<250	250	8/10/04	8310	DEWITT	<308	<250		
Benzo(a)pyrene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Benzo(b)fluoranthene         µg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250		
Benzo(b)fluoranthene       µg/kg       <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Benzo(a)anthracene
Benzo(ghi)perylene       µg/kg       <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Benzo(a)pyrene
Benzo(k)fluoranthene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Chrysene         µg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Benzo(b)fluoranthene
Chrysene       µg/kg       <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Benzo(ghi)perylene
Chrysene         μg/kg         <250         <308         DEWITT         8310         8/10/04           Dibenzo(a,h)anthracene         μg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Benzo(k)fluoranthene
Fluoranthene       µg/kg       <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	
Fluorene       µg/kg       <250	250	8/10/04	8310	DEWITT	<308	<250		•
Fluorene         μg/kg         <250         <308         DEWITT         8310         8/10/04           Indeno(1,2,3-cd)pyrene         μg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Fluoranthene
Naphthalene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Phenanthrene         µg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250		Fluorene
Naphthalene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Phenanthrene         µg/kg         <250	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Indeno(1,2,3-cd)pyrene
Pyrene         µg/kg         <250         <308         DEWITT         8310         8/10/04           Solids, Total (TS)         %         81.0         DEWITT         160.3         8/ 9/04	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	
Solids, Total (TS)         %         81.0         DEWITT         160.3         8/ 9/04	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Phenanthrene
	250	8/10/04	8310	DEWITT	<308	<250	µg/kg	Pyrene
10 THE REPORT OF A 10 THE REPORT	0.010	8/ 9/04	160.3	DEWITT		81.0	%	Solids, Total (TS)
1,2 - Dibromoethane (EDB) µg/kg <40 <49.5 DEAN 5035/6260 6/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	1,2 - Dibromoethane (EDB)
1,2 - Dichloroethane µg/kg <40 <49.3 DEAN 5035/8260 8/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	1,2 - Dichloroethane
1,2,4 - Trimethylbenzene µg/kg <80 <98.7 DEAN 5035/8260 8/10/04	80	8/10/04	5035/8260	DEAN	<98.7	<80	µg/kg	1,2,4 - Trimethylbenzene
1,3,5 - Trimethylbenzene µg/kg <80 <98.7 DEAN 5035/8260 8/10/04	80	8/10/04	5035/8260	DEAN	<98.7	<80	µg/kg	1,3,5 - Trimethylbenzene
Benzene µg/kg <40 <49.3 DEAN 5035/8260 8/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	-
Ethylbenzene µg/kg <40 <49.3 DEAN 5035/8260 8/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	Ethylbenzene
Methyl tert-butyl Ether (MTBE) µg/kg <200 <246 DEAN 5035/8260 8/10/04	200	8/10/04	5035/8260	DEAN	<246	<200	µg/kg	Methyl tert-butyl Ether (MTBE)
Toluene µg/kg <40 <49.3 DEAN 5035/8260 8/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	Toluene
Xylene, m/p µg/kg <40 <49.3 DEAN 5035/8260 8/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	Xylene, m/p
Xylene, o µg/kg <40 <49.3 DEAN 5035/8260 8/10/04	40	8/10/04	5035/8260	DEAN	<49.3	<40	µg/kg	Xylene, o
ab Log #: 2004:0004242-2 Client Sample ID: HA-2 Sample Received: 8/ 9/04	4	8/ 9/04	Sample Received:			e ID: HA-2	Client Samp	ah Log #· 2004:0004242-2
Sample Date: 8/ 6/04	As Rec		Sample Date:		<b>.</b>			
As Dry wi. Analysis	MDL		Method #	A 1 (	•		<b>.</b>	_
Parameter Units Dats Analyst Date				-	Basis	<u>Received</u>	Units	
Prep: SVOA Extraction DEWITT 8/10/04	250		0340		-100	-050		
2 Methyl Naphthalene μg/kg <250 < <b>280</b> DEWITT 8310 8/10/04	250							
Acenaphthene         μg/kg         <250         <280         DEWITT         8310         8/10/04           Acenaphthene         μg/kg         <250	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 2004:0004242 Page 1 of	3	com 1 of		000 I. 016-364-4	t. 010-304-7	pias, MI 49525	E Grand Ra	ě

8/12/04



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
	µg/kg	<250	<280	DEWITT	8310	8/10/04	250
Chrysene 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
		<250	<280	DEWITT	8310	8/10/04	250
Fluorene	µg/kg	<250 <250	<280	DEWITT	8310	8/10/04	250
Indeno(1,2,3-cd)pyrene	µg/kg		<280	DEWITT	8310	8/10/04	250
Naphthalene	µg/kg	<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

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Client Sample ID: HA-3 4.5'

Lab Log #: 2004:0004242-3	chent samp	NH 12. NA-3 4.3			Sample Date:	8/ 6/04	A - D - mad
Parameter	Units	As <u>Received</u>	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
3260 Evergreen Drive, NE	Grand R	apids, MI 49525	t. 616-364-7	600 f. 616-364-4		.com	-
2004:0004242					Page	2 of	3

Sample Received: 8/ 9/04



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
Xviene, m/p	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40
Xvlene, o	µg/kg	<40	<42.5	DEAN	5035/8260	8/10/04	40

Samples received on ice.

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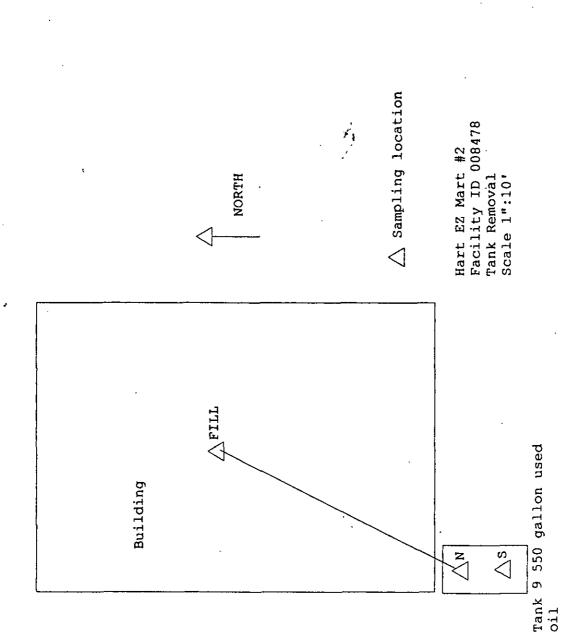
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Robert Erickson, Laboratory Director

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INSTRUCTIONS: For permanent closure and change the site assessment analytical results, chain of custod piping, and samples. This form must be received within a copy of the site assessment report for a minimum of the	y and site sketch which indic 45 days of the samples being	ates the location and dep g taken. The owner is rec	pths of tanks, quired to keep	CILITY ID NUMBER				
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STREET ADDRESS			te St. mrs	· · · · · · · · · · · · · · · · · · ·				
CITY Bear Lake STATE AREA CODE & TELEPHONE NUMBER - 10 211 - 11	49614	ONTACT PERSON FOR LO		ZIP CODE 49420 & TELEPHONE NUMBER				
(231) 864-3111			<u>vood »[(231)8</u>	<u>69-3111</u>				
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	DATE - 10-15-99		AREA CODE & TELEPHON					
24 DE SE ONLY)								
SITE ASSESSMENT REVIEW REPORT Chamachi Grad is increation								
Your site assessment has been reviewed by the Storage Tank Division staff and the following determination has been made: "Or 								
The contamination concentration is below	the threshold detection le	evels, and there is no	evidence of a confirme	ed 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 great confirmed release report is being generate								
☐ The soils excavated and removed from the office within 24 hours per the Michigan Un confirmed release report is being generate	derground Storage Tank	Rules (MUSTR) prior	to excavation of conta	minated soil. A				
	<u> </u>		DATE OF REVIEW	S. 97.				
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OWNER SHALL RETAIN GOLDENROD COPY MAIL WHITE PINK AND CANARY COPIES TO:		ON - 1414 4424	IN SITE/GOL	EQP3881 (1/99)				
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MAIL WHITE, PINK AND CANARY COPIES TO:	STORAGE TANK DIVISION DEPARTMENT OF ENVI PO BOX 30157 LANSING, MI 48909-765	RONMÉNTAL QUALITY	IN SITE/GOL	EQP3881 (1/99) R/RA IW				
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LABORATORY REPORT

SPL WORKORDER NUMBER(s): 99-08-106

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Prepared for: COREnvironmental

Sampled By: COREnvironmental

Site: HART EZ MART #2

Project: HART EZ MART #2

Approved by:

SX Junda

S. L. Grenda, Laboratory Manager

Date: \_\_\_\_\_ AUG 3 0 1999

- 7-7-

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.

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	MTBE Pol						TRAVERSE CITY, MICHIGAN 49686 PHONE (231) 947-577 FAX (231) 947-575
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08-27-1999	LEAD POL UNITS					5 <sup>2</sup> 3 /	
	OIL&GREASE POL UNITS						-
	TRPH POL UNITS						
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Summary Report	TPH-GRO PQL UNITS						
ισ ,	XYLENES Pgl UNITS						
	ETHYLBEN, XYLENES Pol Pol UNITS UNITS						
	TOLUENE PQL UNITS				for Diese	- 	
	BENZENE PQL UNITS				fied 80158***		
COREnvironmental Hart Ez Mart #2 Hart Ez Mart #2	CLIENT ID DATE SAMPLED	N 08/03/1999	s 08/03/1999	F1LL 08/03/1999	ND = Not Detected. Diesel Range Organics - Method Modified 80158*** for Diesel		
Company: Site: Project No.: Project:	SPL ID MATRIX FLAG	9908106-01 SOIL	9908106-02 SOIL	9908106-03 SOIL	. ND = Not Det Diesel Range	the state of the second second	- 1- 1

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MICHIGAN LABORATORY 459 HUGHES DRIVE TRAVERSE CITY, MICHIGAN 49686 PHONE (231) 947-5777 FAX (231) 947-7455

Certificate of Analysis No. M1-9908106-01

×. .

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

ANALYTICAL	DATA		
PARAMETER	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	510
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. M1-9908106-02

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

· · · · · · · · · · · · · · · · · · ·	ANALYTICAL	DATA		
PARAMETER ,		RESULTS	DETECTION LIMIT	UNITS
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Moisture Method ASTM D2216 Analýzed by: MD Date: 08/19/1999		5.1	0.1	옿
Sonication Extraction of I Method 3550B *** Analyzed by: MP Date: 08/17/1999 1	-	08/19/1999		

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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 776477 TRAVERSE CITY, MICHIGAN 49686 PHONE (231) 947-5777 FAX (231) 947-7455

Certificate of Analysis No. M1-9908106-03

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

	<u></u>		
ANALYTICAL DAT	'À	•	
PARAMETER	RESULTS	DETECTION LIMIT	UNITS
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Moisture Method ASTM D2216 Analyzed by: MD Date: 08/19/1999	6.3	0.1	ક
Sonication Extraction of DRO by 8015B Method 3550B *** Analyzed by: MP Date: 08/17/1999 13:15:00	08/19/1999		

**QUALITY ASSURANCE:** These analyses are performed in accordance with EPA guidelines for quality assurance. Soil results reported in dry weight.

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MICHIGAN LABORATORY 459 HUGHES DRIVE TRAVERSE CITY, MICHIGAN 49686 PHONE (231) 947-5777 FAX (231) 947-7455

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· s 47-18 35 AL ing in Statistics MICHIGAN LABORATORY 459 HUGHES DRIVE TRAVERSE CITY, MICHIGAN 49686 PHONE (231) 947-5777 FAX (231) 947-7455 2 2 Carton ĥ. To and for the <u>с</u>ь SPL QUALITY CONTROL REPORT Ċ, ã Reported on: Matrix: Soit 08/27/99 Analyzed on: 08/20/99 BD \_\_\_\_ Analyst:  $\sim$ 4 6° ... 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	Method	Sample	Spike	Matr	ix Spike		ix Spike Lićate	RPD		QC LIMITS Advisory)
10 Number		Result mg/Kg	Added mg/Kg	Result mg/Kg		Result mg/Kg	Recovery X	(%)	RPD Max	X REC
BLANK	ND	ND	1.0	0.6	60.0	0.8	80.0	29	20	36 -152

-9908119

12.34

Samples in batch:

9908106-ALL

COMMENTS:

. REMARKS: REPORT TO: CONSULTANT'S NAME & ADDRESS CONSULTANT'S W.O./JOB #: CONSULTANT'S PHONE #: 4 7**1** 氣 4, Sample No./\* Identification Ţ iv . P. E.S Re-s samplere: nig. CORE ź وي الم ÷\*.) 「「「「「「「「「「「」」」」」 Jear X/2/95 Digna. 1. A. ..... Date å ÷ 5 2 alle 2000 Dax 1 1 . : ອ່ 3 ວ 231) とう <sup>1</sup>SPL Environmental Laboratories, Inc. (616) 947-5777 Fax: (616) 947-7455 (Signatyre) (Signator) Relinqui Sample Container deinquish No. 2 S 2 Traverse City, MI 49686 **Contact: Steve Grenda** 264-311 かしつもろ hed by: 459 Hughes Drive Size 8 50 2 Sample Type (Liquid, Soil Sludge, Etc.) Soil うれて Υ. Š, 2002 Preservative てた ۱ 1 Date: Time: Date: Time: Test ANALYSIS REQUESTED Received b (Signature) PROJ. MGR .: INVOICE TO: (Signature) Received by: Analysis Request and Chain of Custody Record Jec 5108 SU08 *Sol*S Method AME Date: Time: Temp: Time som weste of fauk Page Remarks Intact Intact liese <u>°</u> Ģ 00 PODE IN



# **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**

Conducted Pursuant to Section 20126(1)(c) of 1994 PA 451, Part 201, as Amended

Former Hart EZ Mart

3 N. State Street

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City of Hart					··
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December 6, 20	010				
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# **BEA Forms**



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

FOR DEQ USE ONLY	-
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 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 1				
<u>⊆</u> 4	Name and Address of person subject to Section 7a:       2.       Address/location of property where containers are located: <u>107 South State Street</u> <u>3 North State Street</u> <u>1art. MI 49420</u> <u>Hart. MI 49420</u> <u>County: Oceana</u> County: Oceana				
3.	What is your status relative to the property? Current Prospective Owner  Operator				
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.	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.				
8. 9.	SECTION II Yes No Did you previously submit a BEA to the DEQ for this property? If yes, provide the following information: 				
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				
Sign	a my signature below. I certify that the information provided herein is true and accurate to the best of my knowledge and af. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to 000 for each violation.				

DES

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION

NOTICE REGARDING UNDERGROUND STORAGE TANKS AND DISCARDED OR ABANDONED CONTAINERS

<b>111</b>		CONTENTS
D VOLUME OF	HAZARDOUS	SUBSTANCE(S)
<b>U</b>	NUMBER OF	CONTAINERS
	CONTAINER	SIZE AND TYPE
× .	····	LOCATION

PHOTOS CONDITION OF CONTAINER

PROVIDED

G

<u>u</u>

Yes. Photographs are attached		-		
under ground				
Reportedly fuel oil was stored in the tank. Now is empty.				
Empty - tank has an approximate capacity s of 250 gallons				
00e			- 	
Underground storage tank. Approx. 250 gallon capacity				
Address: 3 N State Street Tank is located about 10 feet north of sidewalk and about 11 feet west of east property line.				

EQP4476, Page 2 of 2 (REV. 4/03)

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Top two photographs taken on December 12, 2003 and bottom photograph taken April 30, 2010 by Tim Woodburne of Prein&Newhof. 2031177 Photographic log of Former Hart EZ Mart, 3 North State Street, Hart, Michigan.



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.





View of the fill port to the fuel oil UST. The tank was empty.

Post hole boring on April 30, 2010 to confirm UST location. View facing southerly toward sidewalk.

## **BEA Report**

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Prepared by Prein&Newhof	S:\2003\2031177 Hart City of REP\2010 BEA\rep 2010-11-05.DO	L

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# 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 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.

# 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

C

EDR <u>Map ID.</u> Al	Site Name and Address Hart EZ Mart (Former) 3 State Street	<u>Type of Listing</u> BEA	Approx. Direction/ Miles from Property Subject Property
A2	Blarney Castle Oil Company 3 State Street	LUST – Open UST – removed	Subject Property
and the second sec	Freemont Cooperative Produce 17 E. Main Street	RCRA-NonGen	South <1/8

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			· · · · ·	
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	· .			
	EDR			Approx. Direction/
	<u>Map ID.</u>	Site Name and Address	Type of Listing	Miles from Property
	A4	Shell Gas (LPG) Bulk	AST - closed	South <1/8
		17 E. Main Street		
	· · · · · · · · ·			
and the second	A5	Country Mark	UST - removed	SSW <1/8
		3 E. Main Street	· . ·	
			· ·	
	A6	Hart Co Op	AST – status not	SSW <1/8
	. •	3 E. Main Street	reported	
	B7, B8,	Merskin & Merskin	BEA	SSW <1/8
	B9, B10	24 and 26 North State Street	LUST – Open	
			UST	
	·			
	C11, C12	Ford Garage/ City of Hart	LUST – Open	ESE <1/8
		106 E. Main Street	USTs - removed	
	1. 1993. 1993 - <b>1. 1</b> .	· ·		
	13	ROW	LUST – Open	SW <1/8
	· ·	108 S. Courtland St		
	·	· · · · · · · · · · · · · · · · · · ·	·.	
	D14 and	Hart Power / Grand Haven BLP	CERC-NFRAP	WSW 1/8 – ¼
	D15	100 Water Street	Coal Ash	
	nu la			
and an	D16	Hart Body Shop	RCRA-CESQG	WSW 1/8 – ¼
		101 Water Street	er, er	
n an an Anna a Anna an Anna an				
	17	100 South Union Street	BEA	ESE 1/8 – ¼
an a	10	The State Manager Dian	D.I.OUNIC	n a trait
	20	Hart Hydro Electric Plant	Del SHWS	South ¼ - ½
	and and a second se	407 State Street		
	1	Walles - We Come		1.1 1.1 1.1
	21	Walkerville Garage	LUST – open	West 1/4 - 1/2
		209 W. Main	et	ter en
		n an	i na cata se	
	E22 -	Farmers Petroleum	Brownfield	South 1/4 - 1/2
	E24	504 S State Street	LUST – open	
			BEA	ing and the second
	ne in	Charles La 13C A T	111000 1	
	25	Stokely USA Inc	LUST – closed	SSE ¼ - ½
		409 Wood Street		196 
	•			and the second
	26	Oceana Road Commission	SHWS	$\frac{1}{2}$ - 1 mile south
	26	Oceana Road Commission 3501 West Polk	SHWS	<sup>7</sup> 2 - 1 mile south
	26	•	SHWS	<sup>7</sup> ∕2 - 1 mile south

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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 fect 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.

# 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.

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# 4. KNOWN CONTAMINATION

This section presents evidence that demonstrates that this Property is a *"facility"* as defined by NREPA Section 20101(0), MCL 324.20101(1)(0), 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.

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# 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.

 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

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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<sup>°</sup>), SB-20 (10-11<sup>°</sup>), SB-21 (10-11<sup>°</sup>) and SB-22 (10-11<sup>°</sup>) 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.

# 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.

## 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

D.

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.

Parameter	CAS Number	R₩-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	009,1	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-Trincthylbenzene	108678	800	1,150	72 45	DW GSI
Naphthalene	91203	1600	250	520 13	DW GSI
2-Methylnaphthalenc	91576	<200	850	260	DW only
Total Metals, µg/L					
lron	7439896	9,210	6,450	300	DW only
Lead	9439921	10.9	10.2	4	DW only
Manganese	9439965	387	381	50	DW only

## Table of Groundwater Generic Residential Clean up Criteria Exceedances

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.

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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.
- 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

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# 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 I\_\_\_\_\_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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Image: SUMMARY OF SOIL ANALYTICAL RESULTS         MW-11         MW-11         MW-12           6         21-22 <sup>1</sup> 4-6         14-16         4-6         14-16         4-6         14-16         2-3-24 <sup>1</sup> 95         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92         11/13/92				F <sup>i</sup> HART, 6	FORMER HART EZ MART 3 STATE STREET HART, OCEANA COUNTY, MICHIGAN	MER HART EZ M 3 STATE STREET EANA COUNTY, N	( MART ET Y, MICHI	IGAN						2411502
SH-18         MW-10         SH-14         MW-11         MW-11         MW-12 $21-22^{-1}$ $4-6$ $14+16$ $4-6$ $14+16$ $16-18$ $4-6$ $14+16$ $11/1392$ $11/1392$ $11/1292$ $11/1292$ $11/1292$ $11/1392$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8020$ $8$		energi e terren. Generationene	St	MMARY	OF SOIL	ABUE I	TICAL R	ESULTS						
	<b></b>	SB-11		SB-	-18	MW.	01-/		II-MM			MW-12		
8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020         8020 <t< th=""><th>.4-6 Iv 11/11/92 11/</th><th>14-16 11/11/92</th><th></th><th><b>4-6</b> 11/13/92</th><th>14-16 11/13/92</th><th>4-6 11/15/92</th><th>14-16 11/15/92</th><th>4-6 11/12/92</th><th>14-16 11/12/92</th><th>16-18 11/12/92</th><th>4-6 11/13/92</th><th>14-16 11/13/92</th><th>23-24<sup>3</sup> 11/13/92</th><th>••</th></t<>	.4-6 Iv 11/11/92 11/	14-16 11/11/92		<b>4-6</b> 11/13/92	14-16 11/13/92	4-6 11/15/92	14-16 11/15/92	4-6 11/12/92	14-16 11/12/92	16-18 11/12/92	4-6 11/13/92	14-16 11/13/92	23-24 <sup>3</sup> 11/13/92	••
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	<10 <10	0	01>	<10	<10	<10	<10	<10	<10	<10	0 v	01>	01×	· · · · ·
<ul> <li>30 &lt;30 &lt;30 &lt;30 &lt;30 &lt;30 &lt;30 &lt;30 &lt;30 &lt;30 &lt;</li></ul>	<10 <10	0	0l>	<10	<10 <10	<10	<10	<10 <10	<10	<10	<10	01v	01×	····. ·
ND       ND <th< td=""><td>&lt;30 &lt;30</td><td>0</td><td>&lt;30</td><td>30</td><td>&lt;30</td><td>30</td><td>0€</td><td>30</td><td>&lt;30</td><td>€</td><td>&lt;30</td><td>&lt;30</td><td>&lt;30</td><td></td></th<>	<30 <30	0	<30	30	<30	30	0€	30	<30	€	<30	<30	<30	
ND       ND <th< td=""><td>•</td><td></td><td>•</td><td><b>I</b> .</td><td><b>1</b> .</td><td>•</td><td>•</td><td>•</td><td>١</td><td>t</td><td>۱</td><td>٩</td><td>•</td><td></td></th<>	•		•	<b>I</b> .	<b>1</b> .	•	•	•	١	t	۱	٩	•	
2.4 3.2 13 - 2.4 2.6 - 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	UN UN	~	ÛN.	Û.	- QN	· Ø	, QN	Ŋ	, QN	- QN	, QN	- QN	(IN	
	8270	en e				8270		,	•		ı		,	
	<330 -			<b>1</b>		<330	,	٢	1		t		1	
	4.2 2.0 Notes	· · · ·		<b>1</b> ,6		2.6		3.2	13		2.4	3.3		

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TABLE 1

	••••••••••••••••••••••••••••••••••••••			SUMMA	SUMMARY OF SOIL ANALYTICAL RESULTS	IL ANALYTIC	CAL RESUI	TS			
Sample Location		MW-15		NE#0005	5000#1S <sup>2</sup>	5000#2N	5000#2S	8000 N	8000 S	Pump Island N	Pump Island S
Sample Depth in feet	5-7	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	NR	NR
Sample Date VOCs, ug/Kg	76/15/31	76/11/11	76/11/11	04/28/9/	04/28/97	16/87/10	16182190	04/28/97	04/28/9/	16/67/00	16/57/00
Method	8020	8020	8020	8020	8020	. 8020	8020	8020	8020	8020	8020
Date of Analysis	NR	NR	NR	N.R.	NR.	NR	NR	NR	NR	NR	NR
I,2-Dibromoethane	• ·	•		•		•	• .	J.	•	, , ,	•
1,2-Dichloroethane	• 1	•	•		•	•	•	•	•		
1,2,3-Trimethylbenzene	•				<b>.</b> .	•	4	•		•••••	
1,2,4-Trimethylbenzene	ı		· · · · ·	•		1993 2014 2014 2014 2014	1	•	•	•	
1,3,5-Trimethylbenzene				•		•	4	•	•	•	· · · ·
Methyl-tert-butyl ether	<100	<100	001>	•	. <b>1</b>	1	•	• • •		<b>₩</b>	Ŷ
Benzene	01×	<10	<10	<10	1,800 a.c	<10	0I≻	130 a	<10	Ŷ	Ŷ
Toluene	<10	<10	<10	0 v10	3,900 b	<10	<10	87	<10	12	S.
Ethylbenzene	012	01>	25	<10	3,300 a,b	<10	⊴10	001	<b>0</b> 1>	Ŷ	\$ <b>7</b>
Xylene	<30	<30	101	01>	163,000 a,b,d	<10	<10	217	01>	53	Ŷ
Naphthalene	•	r -	•	•	F .	ł	ŧ	ı	,	s	
2-Methylnapthalene	•	4	•	•		•	,	,	1		•
Total VOCs	QN	ÂN	126	Q	QN	QN	QN	404	QN	65	(IN
2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			•	· · ·	· · · · · · · · · · · · · · · · · · ·	···. ··.					
FINAS, Jug/ Ng Method	8270	•		•	•	•	•	ı		r	•
All compounds tested	<330	•	• • •	•	• • • • • • • • • • •		ı	3	٠	1	,
Total F and ma/Ka	<1.0 <	0.6		•	•	•	ł		•	ł	
Method 7421	Notes			••••	· · · · ·						
• • •	3. These s	oil samples	+ MW-12 (	23-24') and M	3. These soil samples - MW-12 (23-241) and MW-15 (34-36) - were likely collected from saturated sediments	were likely co	ollected from (	saturated sedit	nents.		
		Boxed valu	es exceed P	art 213 Tier I	<ul> <li>Indicates that use analysis was not conducted of interimation for reported.</li> <li>Boxed values exceed Part 213 Tier I RBSLs, as follows:</li> </ul>	ws:					
· · · · · · · · · · · · · · · · · · ·		a. Exceeds h Freeds	a. Exceeds drinking water b. Exceeds GSI protection	ater protection rion	-						
		c. Exceeds	Exceeds Indoor Air Inhalation	Inhalation	·····.						
		d. Exceeds	: Groundwa	ter Contact Pr	Exceeds Groundwater Contact Protection, Indoor Air Inhalation, Direct Contact RBSLs, and the Csat Screening Level	Air Inhalation	ı, Direct Conti	act RBSLs, an	d the Csat Sc	reening Level.	

SA200312031177 Harr City of REP120101Table 1 - soil anatwical Als

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FORMER HART EZ MART	3 STATE STREET	HART, OCEANA COUNTY, MICHIGAN	
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	1	· · · · · · · · · · · · · · · · · · ·			<b></b>	TABLE I	· · · . · · ·				••••••		· · · ·
	  		<b>6</b> 2	UMMAR	V OF SOI	SUMMARY OF SOIL ANALYTICAL RESULTS	<b>FICAL R</b>	ESULTS	anta. Na sala Na sala		۰۰۰، ۱۹۹۹ - ۱۹۹۹ ۱۹۹۹ - ۱۹۹۹ ۱۹۹۹ - ۱۹۹۹ ۱۹۹۹ - ۱۹۹۹		* 
· · · · · · · · · · · · · · · · · · ·		· · · ·	•						•	•			·
Sample Location	GP-1	GP-2	CP-3	GP-4	GP-5	GP-6	CP-7	-1	SB-19	SB-20	SB-21	SB-22	
Sample Depth in feet	8	1	7	1	1	7	+ ا ۱	15 4	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 01/23/04	01/23/04	04/29/10	04/29/10	04/29/10	04/29/10	
VOCs, µg/Kg	0700	0700	0760	0360	0160	0.76D	0908	0369	NAC4	0978	0968	09CX	
Metrod Date of Analysis	0070	01/26/04	01/26/04	01/26/04	01/26/04	01/26/04	01/26/04	0	05/04/10	05/04/10	05/04/10	05/04/10	
1,2-Dibromoethane	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5			<50.0	<50.0	<50.0	<50.0	
1,2-Dichloroethane	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.0	<43.4	<\$0.0	<50.0	<50.0	<50.0	
1,2,3-Trimethylbenzene	i	r	<b>1</b>		•	•	•		<250	<250	<250	<250	
1,2,4-Trimethylbenzene	<85.1	<86.0	<89.8	<85.1	<84.2	<85.1	<86.0	<86.9	<100	<100	Q01>	<100	
1,3,5-Trimethylbenzene	<85.1	<86.0	<89.8	<85.1	<84.2	<85.1	<86.0	<86.9	<)00	<100	<100	<100	
Methyl-tert-butyl cther	<212	<215	<224	<212	<210	<212	<215	<217	<250	<250	<250	<250	
Benzene	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.0	<43.4	<50.0	<\$0.0	<50.0	<50.0	
Toluene	<42.5	<43.0	<44,9	<42.5	<42.1	<42.5	<43.0	<43.4	<50.0	<50.0	<50.0	<50.0	
Ethylbenzene	<42.5	<43.0	<44.9	<42.5	<42.1	<42.5	<43.0	<43.4	<50.0	<\$0.0	<50.0	<50.0	
Xylene	<85.1	<86.0	\$.68>	<85.1	<84.2	<85.1	56.9	<86.9	<50.0	52.4	<50.0	<50.0	
Naphthalene	<212	215	<224	<212	<210	<212	<215	<217	<250	<250	<250	<250	
2-Methylnapthalene	212	<215	<224	<212	<210	<212	215	<217	<250	<250	<250	<250	
Total VOCs	QN	QN	â	QZ	QN	QN	56.9	QN	(IN)	52.4	QN	(IN)	
PNAs, µg/Kg <sup>2</sup>						•	,			,		1	
Method All communds tested	• •	۰. • •	<b>F 1</b>	•	•	•			ł	•	,	4	
the componition test	- - - -		· · · · · · · · · · · · · · · · · · ·		•••••								
Total Lead, mg/Kg Method 7421	1	<b>.</b>	•			•		£	,	•		1	
	Notes		-		7								
	- morcan 4. Sample	s from GP-7	<ul> <li>moleates that the analysis was not</li> <li>4. Samples from GP-7 (11') and (15')</li> </ul>		u. resample of	conducted. represet resample of soil sample "5000#1S"	"S (#0002"						
· · · · · · · · · · · · · · · · · · ·		•	•		•	•							
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	FORMER HART EZ MART	<b>3 STATE STREET</b>	HART, OCEANA COUNTY, MICHIGAN	
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	· · · · · ·			TABLE 1					
	• • • • • • • • •		SUMMARY OI	SOIL ANAL	SUMMARY OF SOIL ANALYTICAL RESULTS	LTS			
···· •	·····		۰ ۱۰ ۱۰ ۱۰ ۱۰	· · ·					
			Soil: Part	213 Tier I Risk	213 Tier I Risk-Based Screening Levels - Residential &	s Levels - Reside	ntial & Commercial I Criteria	I Criteria	
				Groundwater		Infinite Saura	-	· . ·	Soil Saturation
	Chemical	Drinking	····	Protection	Volatilization to	Volatile Soil			Concentration
	Abstract	Water		Criteria &	Indoor Air	Inhalation	Particulate Soil	1	Screening
Hazardous Substance	Number	Protection	<b>GSI</b> Protection	RBSLs	Inhalation	Criteria (VSIC)	Inhalation	Direct Contact	Levels
VOLATILE ORGANIC COMPOUNDS, µg/Kg-dry	OUNDS, µg/h	(g-dry							
Benzene (I)	71432	1001	4,000 (X)	220,000	1,600			180,000	400,000
Toluene (I)	108883	16,000	2,800	250,000 (C)	250,000 (C)	2,800,000		250,000 (C)	250,000
Ethvibenzene (I)	100414	1,500	360	140,000 (C)	87,000	720,000	10,000,000,0	140,000 (C)	140,000
m.p-Xvlene	1330207	ZL ZL	'IN	NL	NL	NL	Z	NZ Z	NN
o-Xylene	95476	NL	TN	N	NL	NL		JUL .	Z
Xvlenes (1)	1330207	5,600	700	150.000 (C)	150,000 (C)	46,000,000		150,000 (C)	150,000
Methvi-tent-butvi ether (MTBE)	1634044	800	15,000 (X)	5,000 (X) 5,900,000 (C)	5,900,000 (C)	25,000,000	$\sim$	1,500,000	5,900,000
1.2.4-Trimethylbenzene	95636	2,100	570	110,000 (C)	110,000 (C)	21,000,000		110,000 (C)	110,000
1,3,5-Trimethylbenzene	108678	1.800	1,100	94,000 (C)	94,000 (C)	16,000,000	82,000,000,0	94,000 (C)	94,000
1,2,3-Trimethylbenzene	\$26738	NL	NL	NZ	N			NL	NL
1,2-Dichloroethane (I)	107062	100	7,200 (X)	380,000	2,100			000.16	1.200,000
Naphthalene	91203	35,000	870	2,100,000	250,000	300,0	200,000,0	16,000.000	AN AN
2-Methylnaphthalene	91576	57,000	01	5,500,000	ID	01	9	8,100,000	NA NA
1,2-Dibromoethane (EDB)	106934	20 (M); 1.0	20 (M); 4.0	500	670	1,700	14,000,000	76	000,026
META! S									
Total Lead, mg/Kg	7439921	700,000	(G,X)	D	NLV	NLV	100,000,000	400,000 NA	NA

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FORMER HART EZ MART 3 STATE STREET HART, OCEANA COUNTY, MICHIGAN TABLE 1	2031177
Footnotes       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.	
<ul> <li>concentration (Csat).</li> <li>I Hazardous substance may exhibit the characteristic of ignitability.</li> <li>M Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.</li> <li>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.</li> </ul>	rtion limit.
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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· · · · · · · · · · · · · · · · · · ·			TAB	TABLE 2							
· · · · · · · · · · · · · · · · · · ·	SUMMARY C	SUMMARY OF GROUNDWATER		ICAL RESU	JLTS FOR (	ANALYTICAL RESULTS FOR GEOPROBE SAMPLE	SAMPLES				
· · · · · · · · · · · · · · · · · · ·				· · ·						······································	
	Sample Location Sample Depth in feet Sample Date	<b>GP-3</b> 21-25 26-30 01/22/04 01/22/04	<b>GP.7</b> 22-26 01/23/04	<b>GP-8</b> 20-24 01/23/04	<b>CP-9</b> 20-24 01/22/04					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	UST VOCs, µg/L Method Date of Analysis	8260 8260 1/26/04 1/26/04	8260 1/26/04	8260 1/26/04	8260 1/26/04			en an teachadh 19 an teachadh 19 an teachadh 19 an teachadh			
	Benzene Toluene Ethylbenzene Xylene	<500 <100 <500 120 <500 120 <500 120 <500 120	<50 395 <u>352;100,</u> 32;7650;	$\overline{a}$ $\overline{a}$ $\overline{a}$ $\overline{a}$	<u> </u>						
	MTBE 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 1,2-Dibromoethane	<2,500 2,700 550 % <500		\$7 <b>™</b> ∆ √	ѷѵѵѷ						
	1,2-Dichloroethane Naphthalene 2-Methylnaphthalene	<pre>&lt;500 &lt;1,000 &lt;1,000 &lt;200 &lt;200</pre>		2 Q Q	2 Q Q			· · ·	· · · · ·	•	
		Same Shaded area indicates concentration exceeds Part 213 res./comm. drinking water criteria.	Shaded area indicates concentration exceeds Concentration exceeds Part 213 GSI criteria.	centration exe rt 213 GSI cri	ceeds Pan 213 iteria.	res./comm. drii	sking wat <del>er</del> crite	ria.			
· · · · · · · · · · · · · · · · · · ·			Page	Page 1 of 3		S:120	S.1200312031177 Hart City of REP12010 REAlToble 5 - gr geoprobe analysica <sup>1</sup> 45	AREPIZOIO REALTODIC	т. 5 - 5 - 5 - 5 - 5 - 6 - 6 - 6 - 6 - 6 -	atrical xts	

# TABLE 2

# SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES

Sample Location	B	GP-3	GP-7	GP-8	6-10	
Sample Depth in feet	21-25		22-26	20-24	20-24	
Sample Date	01/22/04	01/22/04	01/23/04	01/25/04	01/22/04	
UST VOCs, µg/L						
Method	8260	8260	8260	8260	8260	
Date of Analysis	1/26/04	1/26/04	1/26/04	1/26/04	1/26/04	
Benzene	<500	<100	<50	~	$\overline{}$	
Toluene	<500	120	395	1	<1	
Ethylbenzene	750	950	2,100	<1>	<1	
Xvlene	2,350	3,290	7,650	4	8	
MTBE	<2,500	<500	<250	\$	Ş	
1,2,4-Trimethylbenzene	2,700	2,100	3,250	$\overline{\nabla}$	~	
1,3,5-Trimethylbenzene	550	490	006	√	$\overline{\nabla}$	
1,2-Dibromoethane	<500	<100	<50	<1	~	
1,2-Dichloroethane	<500	<100	<50	~	~	
Naphthalene	<1,000	230	490	4	4	
2-Methylnaphthalene	<1,000	<200	320	4	4	

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TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES

	Groundwa	ter: Part 2	13 Tier I Risk-	Groundwater: Part 213 Tier 1 Risk-Based Screening Levels - Residential & Commercial I Criteria	Levels - Resid	ential & Cor	nmercial I Cri	iteria
							Flammability	
· · · · · · · · · · · · · · · · · · ·							and	Acute
	Chemical	·	Groundwater	Volatilization to			Explosivity	Inhalation
	Abstract	Drinking	Surface Water	Indoor Air	Groundwater	Water	Screening	Screening
Hazardous Substance	Number	Water	Interface	Inhalation	Contact	Solubility	Level	Level
		· · ·						
VOLATILE ORGANIC COMPOI	POUNDS, µg/L	g/L						
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	Q
Ethytbenzene (I)	100414	74 (E)	18	110,000	170,000 (S)	169.000	43,000	43,000 170.000 (S)
m,p-Xylene	1330207	ТИ И	NL	IN	IN	NL	NL	NL
o-Xylene	95476	M	JN	IN	NL	N	NL	NL
Xytenes (I)	1330207	280 (E)	35	190,000 (S)	(S) 000'061	186,000	70,000	70,000 190,000 (S)
Methyl-tert-butyl ether (MTBE)	1634044	40 (E)	730 (X)	4.7E+7 (S)	610,000	610,000 46,800,000	ID	DI
1.2.3-Trimethylbenzene	526738	NL	IN	IN	NL	NL	NL	NL
1,2.4-Trimethylbenzene (I)	95636	63 (E)	17	56,000 (S)	56,000 (S)	55,890	56,000 (S)	QI
[1,3,5-Trimethylbenzene (I)	108678	72 (E)	45	61,000 (S)	61,000 (S)	61,150	QI	0
1,2-Dibromoethane	106934	0.05 (A)	0.2 (X)	2,400	25	4,200,000	DI	QI
1,2-Dichloroethane (I)	107062	5.0 (A)	360 (X)	9,600	19,000	8,520,000	2,500,000	Q
Naphthalene	91203	520	13	31,000 (S)	31,000 (S)	31,000	AN	31.000 (S)
2-Methylnaphthalene	91576	260	QI	ID	25,000 (S)	24,600	Û	a

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# TABLE 2

# SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR GEOPROBE SAMPLES

# Footnotes

Notes

1. 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.

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 Criteria obtained from Michigan Dept of Environmental Quality-Remediation and Redevelopment Risk-Based Screening Levels (RBSLs), January 23, 2006

# TABLE 3

# SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

04/26/05 07/27/05 05/10/10 08/02/10 Low Flow Low Flow Low Flow Low Flow

12/12/03 WP PN

(from RW-1) Influent

Sample Location

RW-1 21-315 Nd

Nd

Nd

Nd

Sample Depth in feet	(from	(from RW-1)
Sample Date	03/13/91	10/07/94
Sample Method	grab sample	grab sample
Sample collected by:	Previous (	Previous consultant
UST VOCs, µg/L		
Method	Not listed	8260
Date of Analysis	4/3/91	10/12/94
Benzene	1,900	660
Toluene	1,400	2,000
Ethylbenzene	<100	490
Xylenes, Total	3,500	3,630
Methyl-tert-butyl ether		
1,2,3-Trimethylbenzene		
1,2,4-Trimethylbenzene	,	
1,3,5-Trimethylbenzene		
1,2-Dibromoethane (EDB)*		
1,2-Dichloroethane	,	
Naphthalene		
2-Methylnaphthalene		
VOCs by Microextraction, µg/L		
1,2-Dibromoethane		
Total Metals, µg/L		

8260 8/3/10	150	1,900	4,100	15,600	<500	1,100	4,200	800	<100	<100	1,600	<200	
8260 5/21/10	220	800	3,680	11,900	<500	930	3,200	600	<100	<100	<200	<200	
8260 7/29/05	200	880	560	2,550	\$		840	260	$\overline{\nabla}$	<1	1,200	380	<0.05
8260 4/29/05	240	1,900	2,800	9,940	<1,000		2,000	380	<200	<200	<400	1,520	<0.05
8260 12/15/03	100	750	1,100	3,950	<250		1,050	250	<50	<50	400	150	
8260 10/12/94	660	2,000	490	3,630									
Not listed 4/3/91	1,900	1,400	<100	3,500						,			

Iron

Manganese Lead

9,210	10.9	387
11,200	36.9	450
	8.75	
	9.17	•
•		,

Bold shaded value exceeds Part 213 res./comm. drinking water criteria.

Bold

Boxed value exceeds Part 213 GSI criteria.

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# **TABLE 3**

# SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location				Τv	TW-2			•	
Sample Depth in feet				1-5	5 5				
Sample Date	03/26/98	96/11/98	09/14/98	03/26/98 06/11/98 09/14/98 12/10/98 03/29/99 06/21/99 06/12/01	03/29/99	06/21/99	06/12/01	12/12/03	 
Sample Method	BL	BL	BL	BL	BL	ΒĻ	BL	BL	
Sample collected by:			Prev	Previous consultant	ltant			Nd	
UST VOCs, µg/L								•	. •
Method			Not Re	Not Recorded				8260	· . ·.
Date of Analysis	No Record	86/11/9	9/23/98	12/20/98	4/7/99	66/1/2	no record	12/15/03	
Benzene	QN	QN	QN	QN	QN	QN	QN	v	
Tolucne	QN	QN	QN	DN	QN	QN	QN	v	·. ·
Ethylbenzene	Q	DN	QN	QN	QN	QN	QN	v	
Xylenes, Total	QN	QN	QN	QN	QN	QN	ON N	4	
Methyl-tert-butyl ether	QN	QN	QN	QN	QN	QN	QN	Ŷ	•••••
f,2,3-Trimethylbenzenc	ı	ı	ΩN	ŊŊ	ŊŊ	QN	QN	v	
1,2,4-Trimethylbenzene			QN	QN	QN	QN	QN	v	
1,3,5-Trimethylbenzene	<b>1</b> .	<b>f</b> .	QN	QN	QN	QN	QN	v	
1,2-Dibromoethane (EDB)*	. <b>.</b>	•	•.	•	QN	QN	QN	⊽	
1,2-Dichloroethane	•	• •	• 1	ŀ	QN	QN	QN	V	
Naphthalene	1		QN	QN	QN	QN	QN	7	
2-Methylnaphthalene	3		QN	QN	QN	QN	QN	7	• •
VOCs by Microextraction, µg/L	· · · ·		•	· · ·					
1,2-Dibromoethane	•		•	•	4	•	1	. <b>.</b>	
Total Metals, µg/L			• **. •			 			
Iron	t	•	•				•	ŀ	
Lead	•	1		1	•		•	•	· · ·
Manganese		•				• • • •	·	۰۰ د. ۱۹۰۱ - ۲۰ ۱۹۰۱ - ۲۰	· · · · ·
	Bold	Bold shade	ed value exi	ceeds Part 2	13 res./cor	nm. drinkir	Bold	teria.	

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Boxed value exceeds Part 213 GSI criteria.

# TABLE 3

# SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

05/10/10 08/02/10 Low Flow Low Flow

NA

Nd

8/3/10

5/13/10

<1.00 <1.00 <1.00 <1.00 <5.00 <5.00 <1.00 <1.00 <1.00 <1.00 <2.00

<1.00 <1.00 <1.00

2.20

<5.00

<1.00 <1.00 <1.00 <1.00

<5.00

8260

8260

Sample Depth in feet         15-20 $1-5^5$ Sample Date $05/10/10$ $08/02/10$ $10/07/94$ Sample Method         Low flow         Low flow         BL           Sample collected by:         PN         PN         Prev. Con           UST VOCs, $\mu g/L$ $8260$ $8260$ $8260$ Method $5/13/2010$ $8/3/2010$ $10/12/94$ Benzene $<1.00$ $<1.00$ $<1$ Toluene $12.6$ $<1.00$ $<1$ Ethylbenzene $22.1$ $<1.00$ $<1$	4 11/04/04 WP on PN							
05/10/10 08/02/10 Low flow Low flow PN PN PN 8260 8260 5/13/2010 8/3/2010 <1.00 <1.00 12.6 <1.00 22.1 <1.00			2-7					1-6
Low flow Low flow PN PN 8260 8260 5/13/2010 8/3/2010 <1.00 12.6 <1.00 12.6 <1.00		04/26/05	07/27/05	05/10/10	08/02/10	11/04/04	11/04/04 04/26/05	07/27/05
PN PN 8260 8260 5/13/2010 8/3/2010 <1.00 12.6 <1.00 12.1 <1.00		Low Flow	Low Flow Low Flow Low Flow	Low Flow	Low Flow	WP	Low Flow Low Flow L	Low Flov
8260 8260 5/13/2010 8/3/2010 <1.00 <1.00 12.6 <1.00 22.1 <1.00		PN	NA	Nd	PN	Nd	Nd	PN
8260 8260 5/13/2010 8/3/2010 <1.00 <1.00 12.6 <1.00 22.1 <1.00								
\$/13/2010         \$/3/2010           <1.00	SW8260B	8260	8260	8260	8260	SW8260B	8260	8260
<pre>&lt;1.00 &lt;1.00 12.6 &lt;1.00 22.1 &lt;1.00</pre>		4/29/05	7/29/05	5/13/10	8/3/10	11/5/04	4/29/05	7/29/05
12.6 <1.00 22.1 <1.00	$\overline{\vee}$	V	<1	<1.00	<1.00	$\overline{}$	~	$\overline{\vee}$
22.1 <1.00	$\overline{\vee}$	7	$\overline{\nabla}$	<1.00	<1.00	$\overline{\vee}$	$\overline{\lor}$	$\overline{\vee}$
	$\overline{\vee}$	$\overrightarrow{\vee}$	$\overline{\mathbf{v}}$	<1.00	<1.00	$\overline{}$	$\overline{\vee}$	$\overline{\vee}$
Xylenes, Total 84.8 <1.00 <2	4	4	0	3.00	<1.00	4	\$	4
Methyl-tert-butyl ether <5.00 <5.00 -	\$	\$	Ş	<5.00	<5.00	\$	\$	\$
1,2,3-Trimethylbenzene 7.00 <5.00 -	$\overline{V}$	$\overline{\vee}$	$\overline{\mathbf{v}}$	<5.00	<5.00	$\overline{\nabla}$	V	V
	$\overline{\nabla}$	$\overline{\vee}$	$\overline{\vee}$	3.00	<1.00	$\overline{>}$	$\overline{\vee}$	$\overline{\vee}$
1,3,5-Trimethylbenzene 7.3 <1.00 -	$\overline{\vee}$	$\overline{\vee}$	$\overline{\vee}$	<1.00	<1.00	$\overline{\vee}$	7	$\overline{\vee}$
1,2-Dibromoethane (EDB)* <1.00 <1.00 -	V	$\overline{\vee}$	$\overline{\vee}$	<1.00	<1.00	$\overline{\nabla}$	$\overline{\nabla}$	$\overline{\vee}$
1,2-Dichloroethane <1.00 <1.00 -	1 V	$\overline{\vee}$	$\overline{\vee}$	<1.00	<1.00	$\overline{\vee}$	$\overline{\vee}$	$\overline{\vee}$
Naphthalene 149 <2.00 -	2	4	5	8.00	<2.00	4	5	0
2-Methylnaphthalene <2.00 <2.00 -	4	9	4	<2.00	<2.00	\$	7	0
VOCs by Microextraction, µg/L								
1,2-Dibromoethane	•	<0.05	<0.05			•	<0.05	<0.05
Total Metals, μg/L					Perception and			
12,100				28,300	2,430			
Lead 26.3 146		11.30	21.2	3.70	5.91	•	1	1.84

Bold shaded value exceeds Part 213 res./comm. drinking water criteria.

0	
	criteria.
1	GSI
	art 213 G
	Part
-	eeds
	exc
	value exc
mint nanning pion	Boxed value exc

S-1200312031177 Hart City of REP12010 BEA Table 3 - gw analytical xls

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10,500

10,300 <1.00

1.29 349

320

119

180

.

.

.

1,630

3,300

Manganese

Bold

<2.00

20.0 2.00

# TABLE 3

# SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

Sample Location		and the second second	07-14 TAT		-	TH- IL TI	14					C7-14 141	
Sample Depth in feet			1-6			1-6		12	15-25			20-25	
Sample Date	11/04/04	11/04/04 04/26/05	07/27/05	05/10/10	08/02/10	05/10/10 08/02/10	08/02/10	02/10/10	05/10/10	05/10/10 08/02/10	05/10/10	05/10/10 08/02/10 08/02/10	08/02/1
Sample Method	WP	Low Flow	Low Flow Low Flow	Low Flow	Low Flow	Low Flow Low Flow	Jow Flow	Low Flow	Low Flow	Low Flow Low Flow	Low Flow Low Flow Low Flow	Low Flow	Low Flo
Sample collected by:	Nd	PN	NA	NA	Nd	Nd	Nd	Nd	Nd	PN	Nd	PN	Nd
UST VOCs, µg/L									Duplicate				Duplicate
Method	SW8260B	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
Date of Analysis	11/5/04	4/29/05	7/29/05	5/13/10	8/3/10	5/13/10	8/3/10	5/13/10	5/13/10	8/3/10	5/13/10	8/3/10	8/3/10
Benzene		$\nabla$	~	<1.00	<1.00	<1.00	2.00	<100	<100	<50.0	<1.00	<1.00	<1.00
Toluene	$\overline{\nabla}$	$\overline{\vee}$	~	<1.00	<1.00	<1.00	<1.00	5,500	5,580	800	24.0	<1.00	<1.00
Ethylbenzene	1>	$\overline{\nabla}$	~	<1.00	<1.00	<1.00	4.00	5,000	5,040	1,100	22.0	<1.00	<1.00
Xylenes, Total	4	\$	4	1.50	<1.00	1.00	1.00	21,900	22,100	4,600	105	<1.00	<1.00
Methyl-tert-butyl ether	Ş	<2	<5	<5.00	<5.00	<5.00	<5.00	<500	<500	<250	<5.00	<1.00	<1.00
1,2,3-Trimethylbenzene	$\overline{\nabla}$	$\overline{\mathbf{v}}$	<1	<5.00	<5.00	<5.00	<5.00	1,680	1,680	800	11.0	<5.00	<5.00
1,2,4-Trimethylbenzene	$\overline{\vee}$	$\overline{\mathbf{v}}$	<1	<1.00	<1.00	<1.00	14.0	6,100	6,000	3,550	59.0	15.0	15.0
1,3,5-Trimethylbenzene	$\overline{\nabla}$	$\overline{\vee}$	$\overline{\vee}$	<1.00	<1.00	<1.00	<1.00	1,900	1,900	1,150	12.0	<1.00	<1.00
1,2-Dibromoethane (EDB)*	$\sim$	$\overline{\nabla}$	<1	<1.00	<1.00	<1.00	<1.00	<100	<100	<50.0	<1.00	<1.00	<1.00
1,2-Dichloroethane	<1>	$\overline{\vee}$	<u>ا</u> >	<1.00	<1.00	<1.00	<1.00	<100	<100	<50.0	<1.00	<1.00	<1.00
Naphthalene	4	4	4	<2.00	<2.00	<2.00	<2.00	<200	<200	250	<2.00	<2.00	<2.00
2-Methylnaphthalene	4	8	8	<2.00	<2.00	<2.00	<2.00	<200	<200	850	<2.00	<2.00	<2.00
VOCs by Microextraction, $\mu g/L$													
1,2-Dibromoethane	•	<0.05	<0.05									•	•
Total Metals, µg/L													
Iron				2,820	2,070	607	5,050	3,600	3,610	6,450	1,490	1,110	1,010
Lead		~	<1>	<1.00	<1.00	3.16	6.88	17.0	16.9	10.2	2.68	1.60	<1.00
Manganese				190	146	92	196	740	760	381	120	114	116

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Bold shaded value exceeds Part 213 res./comm. drinking water criteria.

Bold

Boxed value exceeds Part 213 GSI criteria.

# TABLE 3

# SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

05/10/10 08/02/10

Nd

NA .

.

NA

NA

**Trip Blanks** 

8/3/10 <1.00

5/13/10 8260

<1.00

8260

<1.00 <1.00 <5.00 <5.00 <1.00 <1.00 <1.00 <1.00 <2.00 <2.00

<1.00

<2.00

<2.00

<1.00

<1.00 <1.00

<5.00

<1.00

<1.00 <1.00 <1.00 <5.00

Sample Location	Equipme	Equipment Blanks
Sample Depth in feet	NA	NA
Sample Date	05/10/10	08/02/10
Sample Method	Low Flow	Low Flow
Sample collected by:	Nd	PN
UST VOCs, µg/L		
Method	8260	8260
Date of Analysis	5/13/10	8/3/10
Benzene	<1.00	<1.00
Toluene	<1.00	<1.00
Ethylbenzene	<1.00	<1.00
Xylenes, Total	<1.00	<1.00
Methyl-tert-butyl ether	<5.00	<5.00
1,2,3-Trimethylbenzene	<5.00	<5.00
1,2,4-Trimethylbenzene	<1.00	<1.00
1,3,5-Trimethylbenzene	<1.00	<1.00
1,2-Dibromoethane (EDB)*	<1.00	<1.00
1,2-Dichloroethane	<1.00	<1.00
Naphthalene	<2.00	<2.00
2-Methylnaphthalene	<2.00	<2.00
VOCs by Microextraction, µg/L		
1,2-Dibromoethane	•	

# <1.00 234 316 <1.00

Total Metals, µg/L

3

0

Manganese Lead Iron

Bold shaded value exceeds Part 213 res./comm. drinking water criteria. Bold

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# TABLE 3

# SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES

	Groundwate	r: Part 21	J Tier I Risk-Ba	Groundwater: Part 213 Tier 1 Risk-Based Screening Levels - Residential & Commercial I Criteria	evels - Residen	tial & Comn	nercial I Crite	ria
							Flammability	
							and	Acute
	Chemical		Groundwater	Volatilization to			Explosivity	Inhalation
	Abstract	Drinking	Surface Water	Indoor Air	Groundwater	Water	Screening	Screening
Hazardous Substance	Number	Water	Interface	Inhalation	Contact	Solubility	Level	Level
				-				
VOLATHLE ORGANIC COMPOU	POUNDS, µg/I	Ľ						
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	Ī
o-Xvlene	95476	ĨN	NL	IN	NL	NL	NL	NL
Xvlenes (I)	1330207	280 (E)	35	[ 190,000 (S)	190,000 (S)	186,000	70,000	70,000 190,000 (S)
Methyl-tert-butyl ether (MTBE)	1634044	40 (E)	730 (X)	4.7E+7 (S)	610,000	46,800,000	Ū	QI
1.2.3-Trimethylbenzene	526738	N	NL	IN	NL	Ĭ	NL	NL
1.2.4-Trimethylbenzene (I)	95636	63 (E)	17	56,000 (S)	56,000 (S)	55,890	56,000 (S)	Ū
1.3.5-Trimethylbenzene (1)	108678	72 (E)	45	61,000 (S)	61,000 (S)	61,150	<u>d</u>	Q
1.2-Dibromoethane (EDB)*	106934	0.05 (A)	0.2 (X)	2,400	25	4,200,000	QI	DI
1.2-Dichloroethane (I)	107062	5.0 (A)	360 (X)	009'6	19,000	8,520,000	2,500,000	Q
Naphthalenc	91203	520	13	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)
2-Methylnaphthalene	91576	260	<u>(1</u>	Ū	25,000 (S)	24,600	0]	D
LEAD, TOTAL, µg/L								
Iron (B)	7439896	300 (E)	AN	NTN	58,000,000	NA	01	D
Lead	7439921	4.0 (L)	14 (G,X)	NIN	ID	NA	Ũ	QI
Maneanese (B)	7439965	50 (E)	3,600 (G,X)	NTN	9,100,000	NA	0I	Ū

oial I Outtaria tial & Co Decidar 1 ٠ 14 N CY 1 Diel, D. 312 Tie ć ٠ Ċ

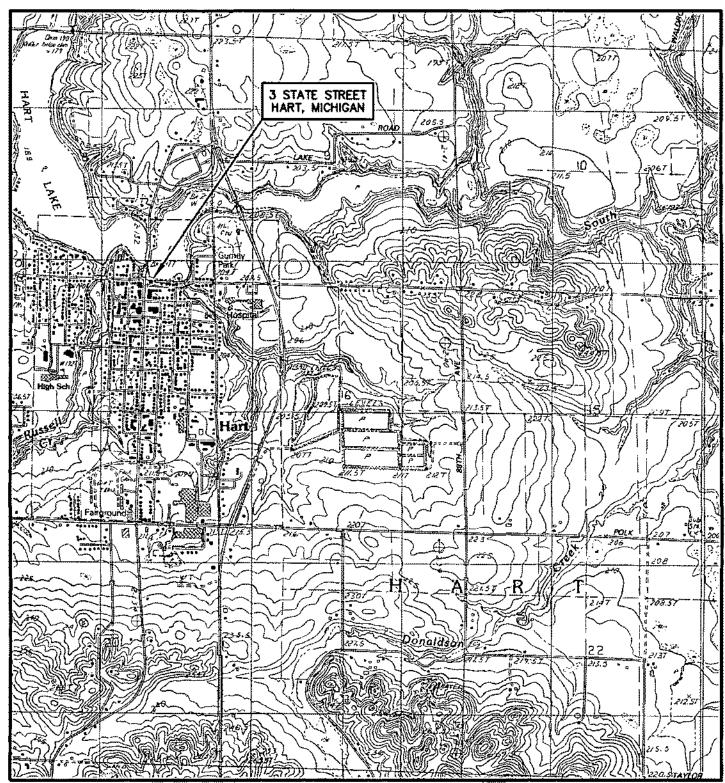
\*Also known as Ethylene Dibromide (EDB)

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FORMER HART EZ MART 3 SOUTH STATE STREET HART, OCEANA COUNTY, MICHIGAN	GAN
TABLE 3 SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER VERIFICATION SAMPLES	ER VERIFICATION SAMPLES
۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰	
<ol> <li>Feet below ground surface.</li> <li>Key to sample type: BL=collected with bailer. WP= sample collected from submersible whale pump. LF = Low flow.</li> <li>Key to sample the was installed so that top of groundwater elevation approximately intersects midpoint of screen "." indicates sample not collected or parameter not analyzed on this sample.</li> <li>A Criterion is the state of Michigan drinking water standard</li> </ol>	F = Low flow. wreen
<ul> <li>B. Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.</li> <li>E. Criterion is the aesthetic drinking water value.</li> </ul>	ion.
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.	e receiving surface water. Criteria were calculated using 1y 10, 2010.
<ol> <li>Hazardous substance may exhibit the characteristic of ignitability.</li> <li>Criteria for lead are derived using a biologically based model.</li> </ol>	
nit, therefore, the cri	
Q Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene	tcies 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	sed 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.	are adsorbed to particulates rather than dissolved in water
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 MUEQ 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	
er en	SA200312031177 How City of REP42010 BEATZohe 3 · 8w analytical.als

Figures



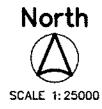
MAP SOURCE : U.S.G.S. PROVISIONAL EDITION, 1983, HART QUADRANGLE

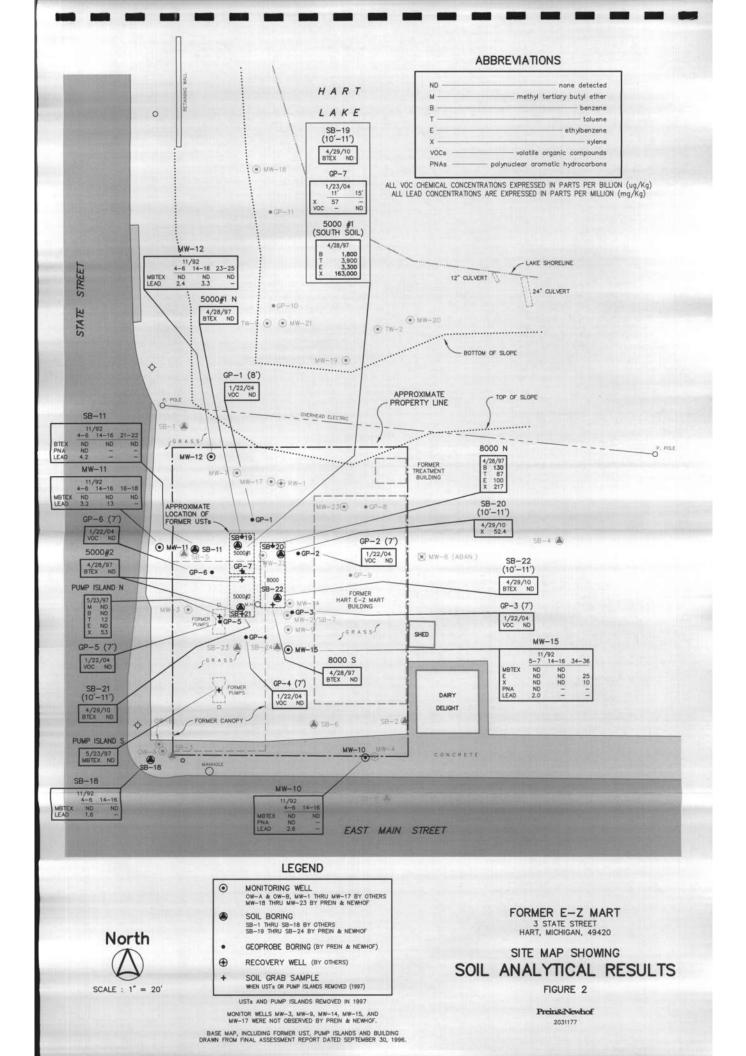
FORMER E-Z MART 3 STATE STREET HART, MICHIGAN, 49420

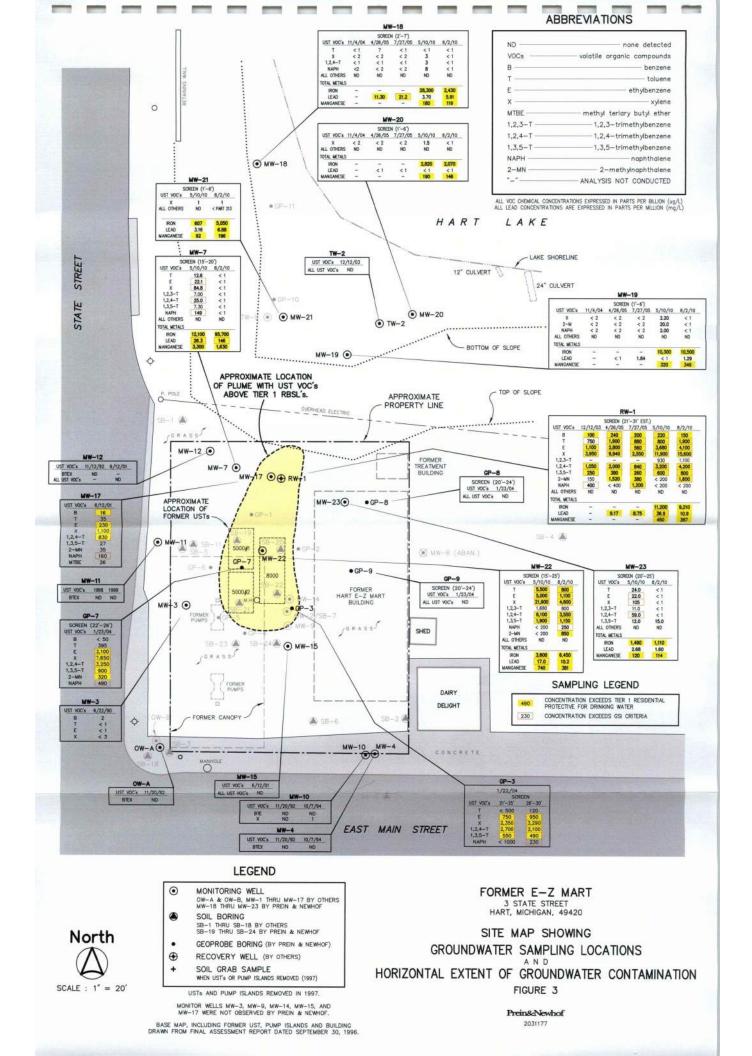
# SITE LOCATION MAP

FIGURE 1

Prein&Newhof 2031177







# BASELINE ENVIRONMENTAL ASSESSMENT CONDUCTED PURSUANT TO SECTION 20126(1)(c) OF 1994 PA 451, PART 201, AS AMENDED, AND THE RULES PROMULGATED THEREUNDER

# 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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 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 2, 2019

# 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.

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:

- 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.

• 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(I) 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

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.

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).

# 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.

#### 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.

# 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.

Baseline Environmental Assessment Table 1 - Groundwater Analytical Results Exceeding the GRCC 227 East Main Street, Hart, Michigan						
Hazardous Substance	CAS Number	Date Collected	Concentration exceeding the GRCC (µg/L)	Sample ID (Sample Depth)		
1,2,4-trimethylbenzene	95636	10/15/2019		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.

### 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.

# 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

# 5.0 All Appropriate Inquiry/ASTM Phase I Environmental Site Assessment

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 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.

- (*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.

## 6.0 References

- 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.

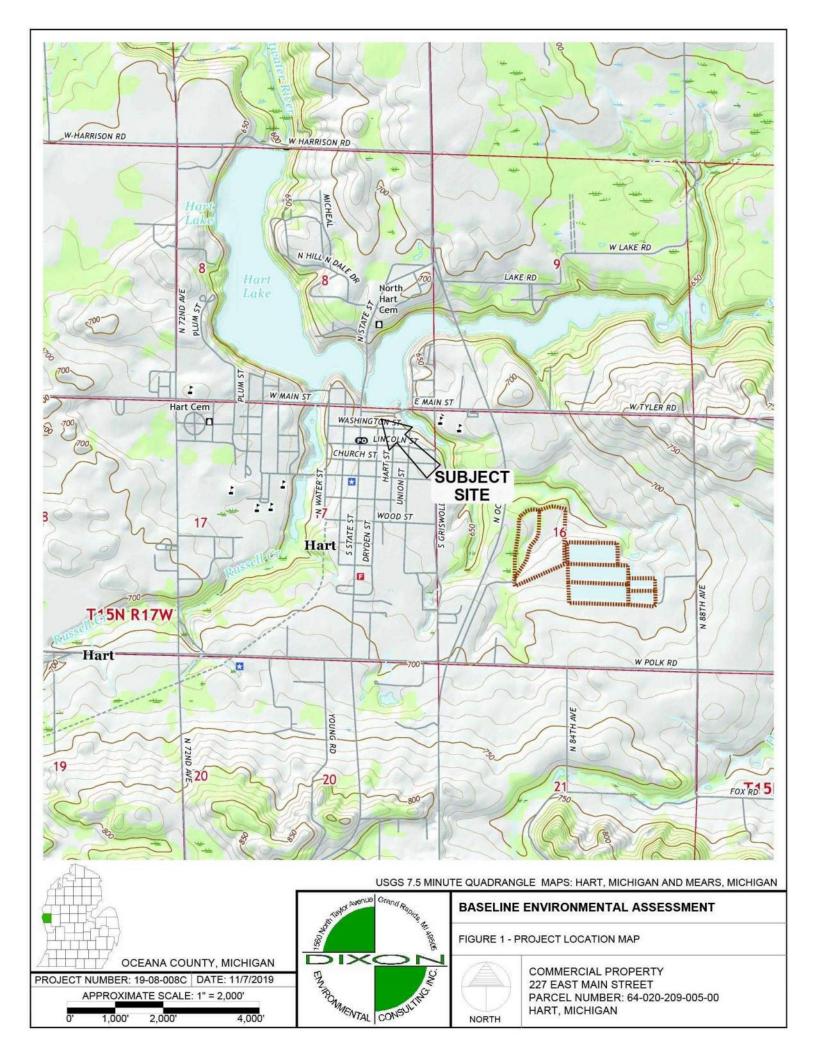
Michigan Department of Environmental Quality, Remediation and Redevelopment Division Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7A Compliance Analyses to the Michigan Department of Natural Resources and Environment and for Request for Optional Determinations dated March 11, 1999.

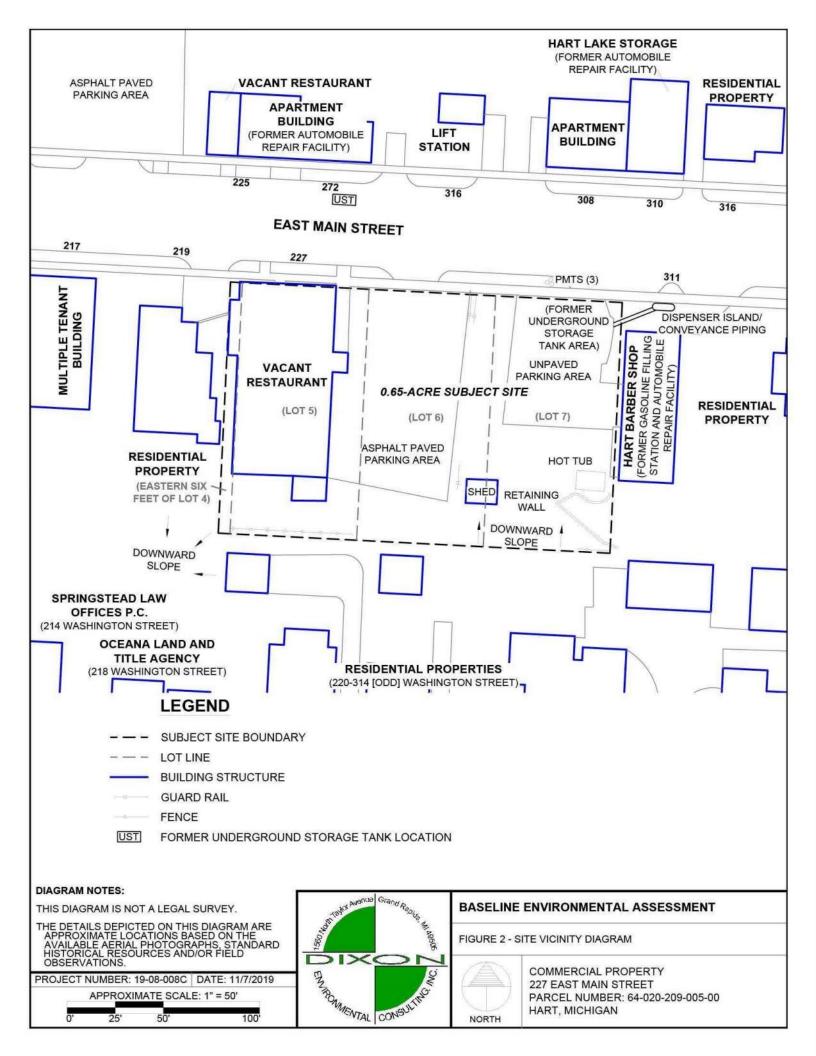
# FIGURES

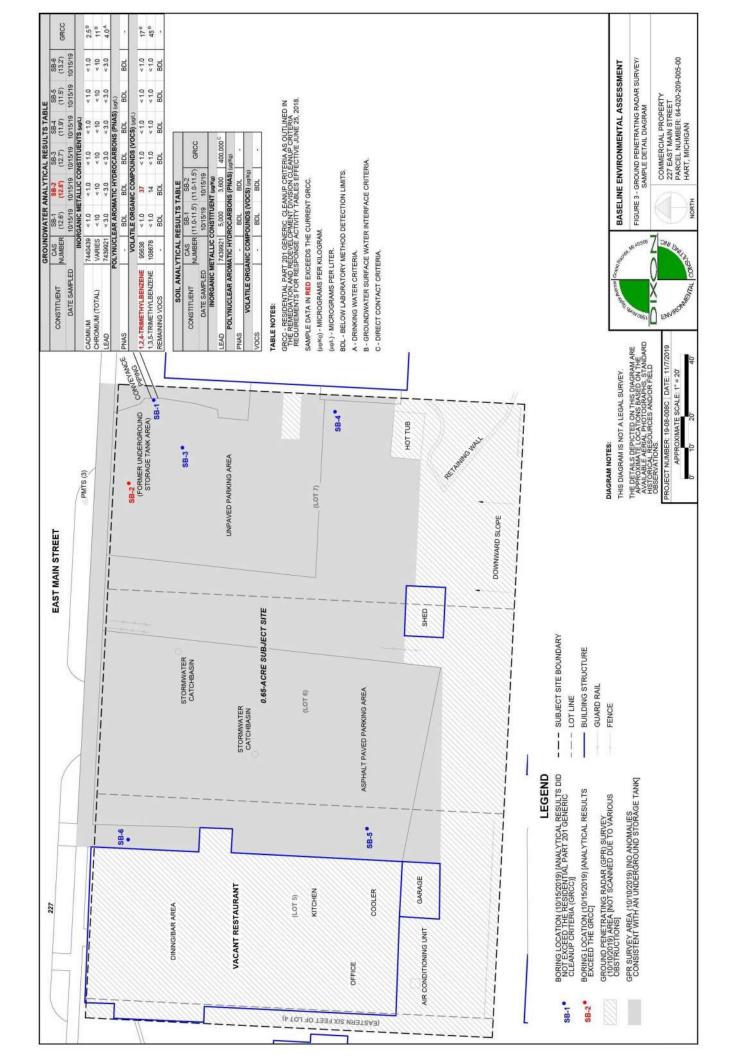
# PROJECT LOCATION MAP

# SITE VICINITY DIAGRAM

# GROUND PENETRATING RADAR SURVEY/ SAMPLE DETAIL DIAGRAM







# 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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- B. LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-CUSTODY DOCUMENTS

#### 4.0 IDENTIFICATION OF THE AUTHOR OF THE BEA

A. NAME, QUALIFICATIONS AS AN ENVIRONMENTAL PROFESSIONAL, COMPANY, CONTACT INFORMATION, ETC.



6

7

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)

6.0 REFERENCES (OTHER THAN THOSE ALREADY INCLUDED IN THE AAI REPORT OR PHASE I ESA

### ATTACHMENTS

· '.	FIGURE 1	SITE	ELOCATION MAP	
	FIGURE 2		E MAP WITH SAMPLING	LOCATIONS
	FIGURE 3	SIT	E MAP WITH DETECTED C	CONCENTRATIONS
· · · ·	FIGURE 4	TOH SUI	POGRAPHIC MAP SHOWIN RROUNDING PROPERTIES	G PROPERTY IN RELATION TO
	FIGURE 5	SITI	ESURVEY	
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· · · ·	TABLE 2	GRC	UNDWATER ANALYTICA	L RESULTS
···	ATTACHMENT I		PREVIOUS ENVIRONMI DATA	ENTAL REPORTS AND ASSOCIATED
	ATTACHME	NT 2	LABORATORY ANALY	<b>FICAL RESULTS</b>
· ··.	ATTACHMEN	NT 3	AERIAL PHOTO	
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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 INTODUCTION 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).

BEA 26 N. State St. August 13, 2013 Page 3 of 7

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).

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). 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.



BEA 26 N. State St. August 13, 2013 Page 5 of 7

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 theWest 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

(517) 482-1600 · Fax: (517) 482-6626



BEA 26 N. State St. August 13, 2013 Page 6 of 7

# 3.0 FACILITY STATUS

#### A. TABLE LISTING THE HAZARDOUS SUBTANCES, 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.

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 Bgs. – below grou	108678	72 µg/L	45 μg/L	61,000 µg/L	85 μg/L.	MW-1; 5-15

# Groundwater

# Soil

Substance	CAS Number	Residential and Commercial I Drinking Water Criteria and	Groundwater Surface Water Interface	Direct Contact Criteria and RBSLs	Maximum Soil Concentration	Location of Sample; depth of sample
	· · ·	RBSLs	Protection Criteria and RBSLs			bgs.
Benzene	71432	100 µg/kg	4,000 µg/kg	180,000 µg/kg	360 µg/kg	B-9; 10

Bgs. - below ground surface



#### BEA 26 N. State St. August 13, 2013 Page 7 of 7

# 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)

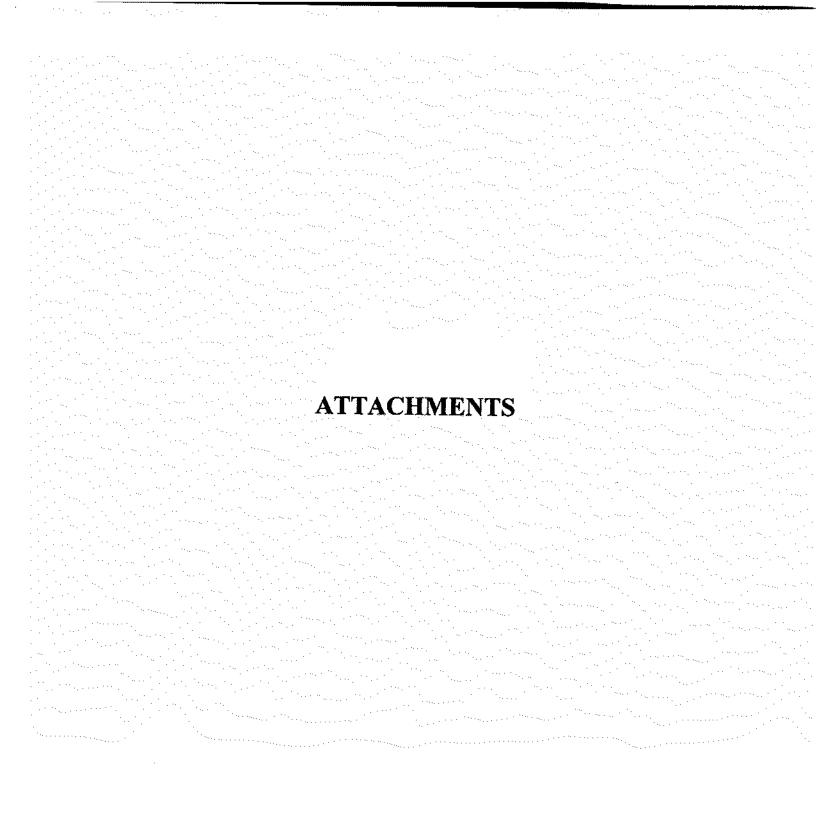
The Phase I ESA does consider hazardous substances as defined by section 20101(1)(y).

# 6.0 <u>REFERENCES (OTHER THAN THOSE ALREADY INCLUDED</u> 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



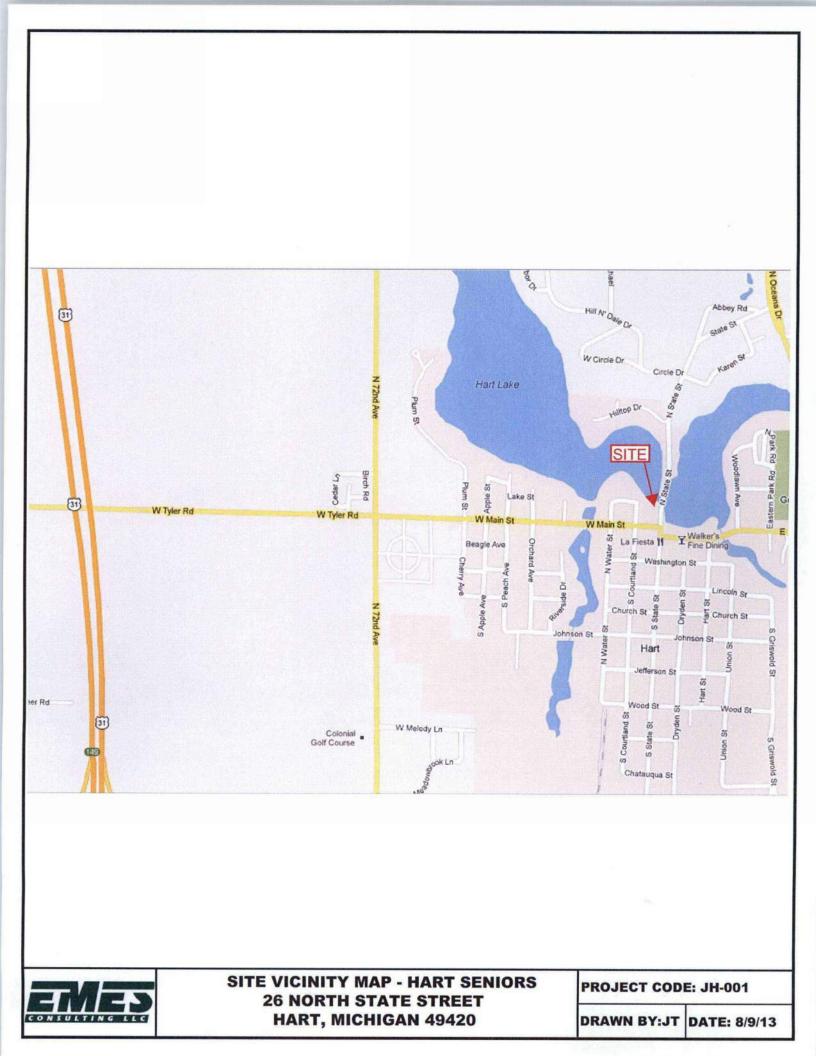




# FIGURE 1

# Site Location Map





# **FIGURE 2**

# Site Map with Sample Locations



P.O. Box 15036 • Lansing, MI 48901-5036

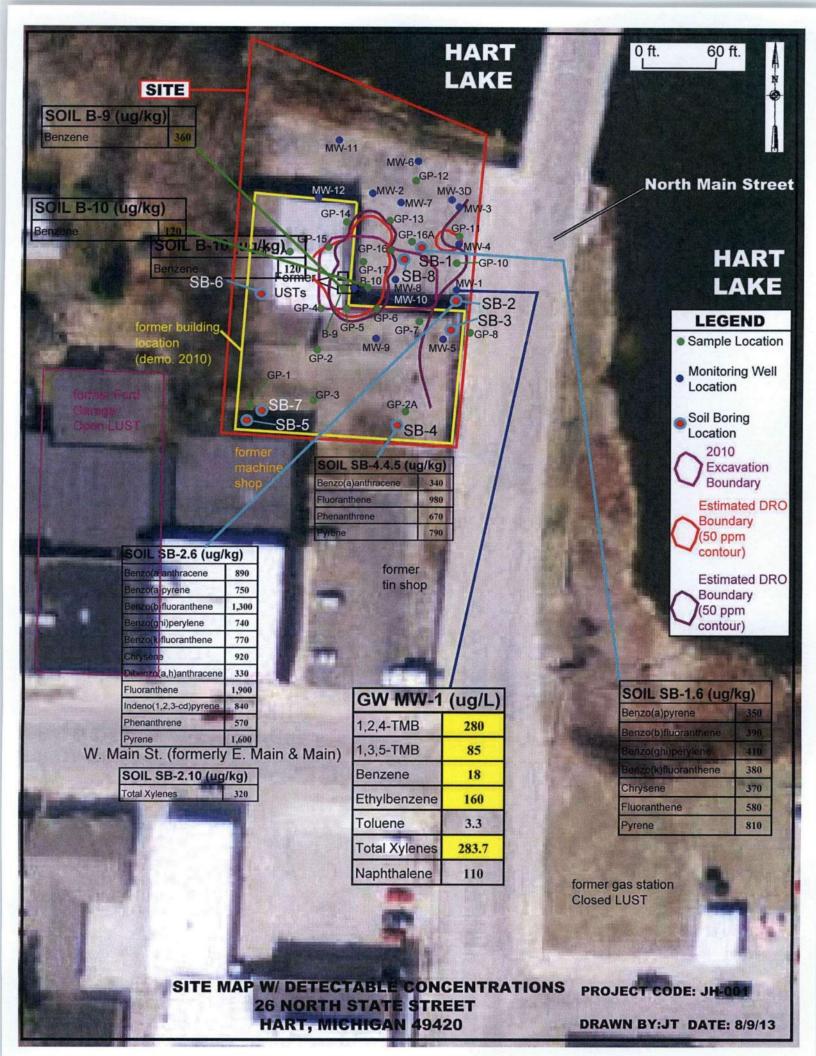
(517) 482-1600 · Fax: (517) 482-6626



# **FIGURE 3**

Site Map with Detected Concentrations





#### **DISCLOSURE OF A**

SRAND RAPO TO TOTO **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, HARTSMCHIGAN (Tax Identification Number 64-20-274-007709) NAME

Prepared for:

TITLE\_

DOCUMENTBOO

02111661

Michigan Land Bank Fast Track Authority 3028 West Grand Blvd, Suite 4-600 Detroit, MI 48208

#### 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

(IESER ASSO

ENVIRONMENTAL SCIENCE & ENGINEERING

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#### **B. Baseline Environmental Site Assessment**

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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

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Form EQP 4 

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DEA	MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY REMEDIATION AND REDEVELOPMENT DIVISION
NE	REMEDIATION AND REDEVELOPMENT DIVISION

FOR DEQ USE ONLY BEA Disciosure # B2010026 766R

#### 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 Former CL Owner*	the property: arrent Prospective	Address/location of pro BEA was conducted: 24-26 North State Stree Hart, MI 49420 County: <u>Oceana</u>		re
	Provide the property tax identified for the property identified in the 64-20-274-001-00				ı number	(s)
	Contact person: Carrie Lewand-Monro	<u>e</u> Telepho	one #: <u>(517) 636-5</u>	5149		
· .	If the address of the person seeking lis to correspond with the contact person				ld be used	
	Check the appropriate response to	each of the follo	wing questions.			
	<ol> <li>Is it known that the source of the following?</li> <li>A leaking underground s 451, as amended.</li> <li>A licensed landfill or sol</li> <li>A licensed hazardous was</li> </ol>	storage tank (US	ST) regulated u ement facility.	nder Part 213, 1994 P	YES	
	Oil and gas development The source of the release that re DEQ division will maintain a file re	t related activiti sulted in this prope	es. Inty becoming a "f	-	#	
• • •	2. Based on the Part 201 Rules	s, this BEA is a:		Catego Catego Catego	xy D	
•	3. Is the property at which the Section 20101? If the answer to				YES X	
				RE MAR	CENV 10 2010	EL
	EQP4446 (Rev. 4/03) Page 1 of 2			GRAND RAD	ADEO S 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.
- 5. Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the YES NO date of purchase. occupancy, or foreclosure? All disclosures pursuant to Rule 919(3) must be  $\boxtimes$ submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure.
- 6. Are any USTs or abandoned or discarded containers identified in the BEA? If yes, this information must be provided on Form EQP4476.
- $\boxtimes$

YES

YES

YES NO

 $\square$ 

NO

NÖ

 $\square$ 

 $\square$ 

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.

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.

laval human Signature of Submitter:

(Person legally authorized to bind the person seeking liability protection)

Name (Typed or Printed) Carrie Lewand-Monroe

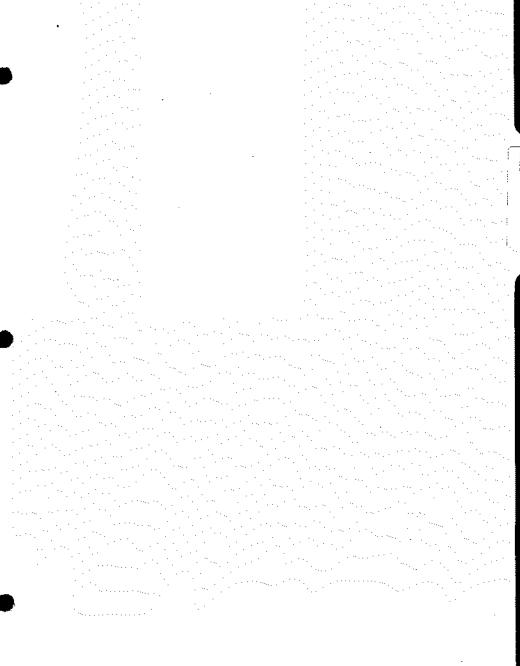
Executive Director Title

EQP4446 (Rev. 4/03) Page 1 of 2

# Section B. Baseline Environmental Assessment

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BEA

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	<ul> <li>K&amp;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 &amp; Newhof Phase I ESA</li> </ul>
Appendix C	<ul> <li>K&amp;A Limited Phase II Environmental Site Assessment, May 1, 2006 (including:)</li> <li>Attachment A – Copy of February 10, 2006 Scope of Services Letter</li> <li>Attachment B – Copy of Phase II ESA Work Plan dated March 27, 2006</li> <li>Attachment C – Copy of Bio-Chem Analytical Laboratory Report</li> <li>Attachment D – Geoprobe Soil Boring Documentation</li> <li>Attachment E – Preliminary Remedial Options</li> </ul>
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 arc 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

Baseline Environmental Assessment for Disclosure, September 10, 2009 24-26 N. State Street, Hart, Michigan Michigan Land Bank Fast Track Authority

Page 2

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 & INTENTED 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 conduced 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-inplace 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.

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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

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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 exceedences 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 exceedences of VOCs (naphthalene, benzene and n-propylbenzene). Naphthalene concentrations in MW-1 also exceeded Part 213 Tier 1 Residential GSI. Exceedences 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 exceedences 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 exceedences 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

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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

#### MDEQ BEA/7a Compliance Analysis Affirmation Letter Appendix A

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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

Mailes. y fin

Mark S. Kieser Senior Scientist KIESER & ASSOCIATES, LLC

9-10-2009

Date

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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 (D	Date	Constituent	CAS	Units	Octocted Concentration	Res/Comm I	Part 213 Tier Ground/Sur face	Volatilization	[
				<u> </u>			Drinking Water	Water Interface		Direct Con
			1.2.4 Trimethylbenzene	95636	{	160,000	2,100	110,000	110.000	110,000
			1.3.5-Trimethylbouzene	108678	ł i	46,990	1,800	<u> </u>	1 ( 00)	<u> </u>
			Benzene	71432	ł	2,800	100		1,600	{
	SB-K1 @ 8" bgt	4/11/06	Ethylbenzenc Xylencs	100414	µg/K g-dry	89,000 383,000	1.500	150,000	87,000	150.000
	[soil]	4/11/00		104518	1 HEAR BOOLA	6,500	1.600	150,000	150,000	120,000
			n-Bulythenzene	103651	{	30,000	1,600			t
			sec-Batylbeazene	135988	{	2,900	1,600	[	· <u>··</u> ·····	<u></u>
			Toluene	108883	{	110,000	16,000		·····	f
	SB-K1 (i) 12.5' bgi [soil]	4/11/06	Bunzenc	71432	µg/Kg-dry	470	100			
		<b>├</b> ───	Ethylbonzene	100414		25		18		<u> </u>
	MW-I	4/11/06	Xylenes	133020	μµ/L	36.6		35		
	[aqueeus]	[ ]	n-Propylhenzene	103651	1	180	\$0	ļ		[
			Ethylbenzene	100414	1	23		18		
	MW-! Dup	4/11/06	Xylenes	133020	μ <u>υ</u> /Έ	35.6		35		
	[aqueous]		n-Propylbenzone	103651	1 -	196	80			
		<u> </u>	Benzofa Janthracene	56553		26	2.1			i — –
		{ {	Chrysene	218019	1	14	1.6	<u>,</u>		t
			Floorantheae	206440	0 7 3 3	45		1.6		
			Fluorene	86737		36		12		· · · · ·
			Naphthien:	91203		390		13		t
			Phenanthrenc	85018		77	52	2.4		
	SB-K2 (@ 7-12' bgi	4/11/06	1.2.4-Trimethylbenzene	95636		1,400	63	17		
	[aqueous]		1,3,5-Trimethylbenzene	108678		370	72	45		
			Benzenc	71432	1	3,400	5	200		
			Ethylbenzene	100414	1 1	1,400	74	18		
			Xylenes	133020		6,700	280	35		
			a-Propylbenzeuc	103651		220	80			
t i tak			Toluene	108883	1 1	730		140		
·			Benze[a]amhraoene	56553		11	2.1			
1.111			Chryscae	218019	1	5.7	1.6			
			Fluoranthenc	206440	1	15		1.6		
			Fluorenc	86737	1	13		12	,	
la na stra			Napluthlene	91203	1	130		13	· · · · · · · · · · · · · · · · · · ·	
	SB-K4 @ 7-12' bgl	4/11/06	Phonenthrend	85018	կք/հ	27		2.4		t
	[aquecus]		1,2,4-Trimethylogazone	95636	1 .	800	63	17		
			1,3,5-Trimethylbeazeoe	108678	1.1	220	72	45		
1100			Ethylbenzene	100414	1	260	74	18		
			Xylenes	133020	1	1.749	280	35		
· · · ·		ļļ	n-Propylbenzene	103651	1	95	80			[
		<u> </u>	Acenaphthylenc	208968		70	52	;t		
$M_{\rm eff} = 0.01$			Benzo[a]anthracene	56553	1	7,9	2,1		·····	
		}	Benzojk finoranthene	207089	1	1.6	1.0:0.8		····	·
1. 1. 1. <sup>1</sup> 1			Chrysene	218019	1	2.8	1.6			
· ·			Pluoranthene	206440	۱ I	14		1,6	·····························	
en de la composition			Naphthienc	91203	1	550	520			
	SB-K I @ 7-9' bgi		Phenanthrenc	85018		20		2,4		
	[aqueous]	4/11/06	1,2,4-Trimothylbenzenc	95636	με/ι.	2,000	63	17	·	ļ
	[schroons]		1,3.5-Trimethylbenzene	108678	1	500	72	45		
			Benzene	71432		2,000	5	200		]
144 g 1			Ethylhenzene	100414		2,200	74	18	·····	
·			Xylenes	133020	Į	11,400	280	35		[
			n-Propylbenzene	103651	]	240	80			
			Tolucue	108883		12,000	790	140		
1. J. I		<u>_</u>						nd groupdwater se		·

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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.

		Azatyte	CAS	1	Delected Concentration	Part 213 Tior   RRSI s				
Sample ID	Date.			Units		Res/Corran I Drinking Water	Ground/Surface Water interface	Volatilization to indeer Air	Direct Contact	Seif Saturation Conc.
SB-K5 @ 10-14 bg)		fron (B)	7439895		3,200	300 (E)				
(aquaotis)	16/9/2007	Manganese (B)	7439965	μg/Kg-dry	420	50 (E)			m	~~
·····	<u>├</u> }	Diesel Range Organics		<u>}</u>	720,600	·	1	······································		5.008+0
		Gasoline Range Organics	· · · · · · · · · · · · · · · · · · ·	1	420.000			·····		5.00E+0
Car we have been a		Chronnum	7448-47-3	1	4,700		3,300			
SB-K6 (@ 6,5-815g) i [soil]	10/9/2007	Selgnium (B)	7787492	μg/Kg-œy	958		400			
i sen j		1,2,4-Frimethylbenzene (l)	95636	] .	1,200		570			
		n-Britylbenzenc	104518		1,800	600				
		n-Propylbenzene (I)	103651	ļ	1,706	1,600		·····		
SB-K6@12.5-13.5' [soif]	10/9/2007	Chromium	7440-47-3	µg/Kg-dry	13,000		3,300			
SB-K7 @: 7-8.5' bgf [soil]	10/9/2007	Diesel Range Organics		j	93,000					5.00E+0
		Gasoline Range Organics		]	440.000					5.00E+0
		Chromium	7410-17-3	]	9,100		3,300			
		Naphitheur	9:263	hg/Kg-dry	1,166		870			
		1,7,4-Trinterhythenzene (1)	95636		28,000	2,100	570			
		).3.5-Trimethylbenzene (l)	198678		8,000	1,800	1,100			
		Ethylbaizene (1)	303414		11,000	1,500	360			
		Xylenes (1)	1330207		54,000	5,600	700			
		n-Batylbeazare	104516		2,600	1,600	·····	· · · · · · · · · · · · · · · · · · ·		
		a-Propythenzenc	103651			1,600	2.000			···
		Tolucite (1)	7440-47-3	<u>├──</u> ──┥	<u>3,100</u> 10,000		2,800		<u> </u>	
SB-K7 @ 11'-12' bgi [soil]	10/0/2007	Chromium		μg/Kg·éry			3,300	·		
		Beazene (I)	71432		180	100				
SB-K8 @ 8-9 bgi	10/9/2007	Chromiun	7440-47-3	µg/Kg-dry	4,700		3,300			
(fios)		1.2.4-Trimethylbenzenc(I)	95636		650		570			
SB-K8 (0 12.5-13.5	10/9/2007	Chromium	7440-47-3	111.	13,090		3,300			
bgi (soii)		Beszene (l)	71432	µg/Kg-dry	450	100				
SB-K9 (6: 7-8,5' bg) [soil]	) <b>0/9/</b> 2007	Chromium	7440-47-3	ug/Kg-dry	9,400		3,300			· ·
513-K9 (4): 13'-14" (rg1 (soil)	10/9/2007	Chromium	7440-47-3	µy/Kg-dry	12,000		3,300			
MW-3	1	Iron (B)	7439896	1	360	300 (E)				
[aqueous]	10/9/2007	Manganese (B)	7439965	µg/L	280	50 (E)				
		Naphthiese	91263		130		13			
MW-I	ſ	Iron (B)	7439896	]	12,699	300 (E)				
	10/9/2007	Manganese (B)	7439965	յաց/ե.	1,600	59 (F)	l			
[aqueous]	Ĺ	Benzeac (I)	21432	]	9	5.0 (A)				
	1	n-Propylbenzene (f)	103651	\$	140	80				

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Notes: Rold and shaded values exerced Part 213 Tier J Risk Based Screeping Levels (RBSLs) for concentrations measured in coll or groundwater (as appropriate). All metals state represent total concurtations, only subjected informine. ID = femafficient data to develop enterior NA = Not Applicable. NLL = Not Filedy to heach NEV - Not likely to volatilize.

1A) Criterion is the state of Michigan drinking water statidard established parametric Section 5 of 1976 PA 399, MCL 1005.

(B) Background, as defined in it 299,5701 (b), may be substituted if higher that the calculated cleanup culturint. Background levels may be less than criteria for some learngable compounds.

 $|C\rangle$ . Value prepared is a screening lower based on the chemical specific generic scale submation concentration  $(C_{\omega})$  since the calculated risk-Since processors is according to the massion memory matter specific generation and an event many to a stress matching and the specific demonstration and the particular to the specific demonstration and the specific

(D) Calculated criterion exceeds 100 percent, brace it is reduced to 100 percent of 1.0049 parts per billion (ppb).

121 Criterion: is 180 and this dimking when value, as required by Section 2012/04(5) of the Natural Resources and Environmental Protection Act, 1934 PA 451, as another (NREPA). A mitter of gethelic maps in the being lower as an instantional courter lanctanian if generative concentrations executive setting with collection, has do and executive entering to be an executive entering entering to be an executive entering entering to be an executive entering entering

Haxardous #1105tance	Chemical Abstract Service Number	Rysideotlat Hysida-Based Dripking Water Value	todustrizi- Commercial Realth Based Dzinking Water Value
Atuminuus	7425905	366	4.) (k)
tertlary Anyi methyl etter	594055	910	2,608
Compa	7446508	1,400	4,000
Dicting ether	60297	3,7410	14,000
Ellaytheneene	1004 F4	20,9	700
trous .	7439896	2,5(8)	5,690
Manganese	7439965	860	2,509
Methyd-tert-buryl other (MTBE)	16334944	241	(90
Teluciu	108883	2,9100	1,660
2,2,4-Trinsethylbeazone	95636	1,000	2,900
1,3,5-Princellylbenzouc	108675	1,000	2,900
Xylenos	1336207	10,000	10,000

(G) Groundwater surface water interface (dSf) critering depuds on the pH or water hardness, or bab, of the receiving surface water. The linet chronic value (FCV) for the protection of aquatic life shall be calculated lassed on the pH or backass of the receiving surface water. Where water hardness excreats 400 mg CaCO3/L, use 400 mg CaCO3/L for she FCV calculation. The FCV formula provides values, for units of ug/f, or pph. The generic GST criterion is the leave of the calculated FCV, the withdore value (WV), and the surface water house non-drinking. First Section provides rates in which any it is provided to grant the granter or released to the canoni provide state (WV), and the strice which have non-driph, which will be provided by provide criterian of the GSI enterina of the GSI enterin

<b>F</b>			1
Hazantous Substance	FCV Formula ug/l,	FCV Conversion Factor (CF)	HNDV ug/L
Acclaic	EXP (0.2732*(p10) + 7.0362)	NA	),30E+(K
Bannen	EXP (1.0629*(1.061 ± 1.1869)	NA.	1 60E+05
Btalinin	EXP (2.527943EnH2 - 30,7685h	NA	1,200
Cathainen 🛇	(EX9(0.7832*(LtsH) - 2.715))*CF	1.101672 · ([LoB)*(0,041838))	130
Chromium IIC3	(ESP((L819*(LaH) + 0.6848))*CF	0.86	2,400
Capper	(EXP(0.8545*(LuB) + 1.702))*CF	4,96	64,000
Land	(EXP(1.273*(L)(H) + 3.29(0))*CF	1.46203-((Laff)*(0.14571))	190
Манданско	EXP(0.8784*(LaH) + 3.5199)	NA	59,000
Nicket	(EXP(11.844*(1.n11) + Q.03844)*CF	8.997	2,195,495
Pentachikarapheno	EXP(1,(4)5*(pF) - 5,134)	NA NA	2.8
Zinc	(EXP(0.8473*(EaH + 0.854))*CF	0.986	22,001

where,

EXP(x) = -The base of the natural logarithm raised to prove <math>x (c<sup>2</sup>)

LnH = The natural logarithm of wales hardness in mg CaCO<sub>2</sub>L. . The multiplication symbol. The OSI contemm developed term may not be protonive for surface

3

water that is used as a drinking water source. Refer to fontume (X) for further guidance.

(E) Valence-specific constraint data (Cr 4D and Cr VI) data becompared to the conseparation where-specific element entering of Cr VI are present in growthware, for total concentration of total canonic exceed the drawing water caterion of 100 upd. If analytical data are provided for total concentration only, they shall be compared to the cleanup effects for Cr VI are present in growthware, for total concentration of this canonic exceed the drawing water caterion of 100 upd. If analytical data are provided for total concentration only, they shall be compared to the cleanup effects for Cr VI. Cr III will down perform for protection of dividing water caterion of the cleanup effects at the where growthwater is presented from being used as a public water supply, currently and in the linese, neough on approved total in concrete use restrictions.

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(1) Hazardous substance may exhibit the characteristic of ignuability as defined in 40 C.F.K. 261.21 (rensed 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, Landag, Michigan, Copyes 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 869-844-60155-1), of from DEQ, Remediation and Reference Drivision (RRD), 525 West Allegen Street, Landag, Michigan 48933, at cost.

IQI Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzole/pyrene.

(S) Criterion defaults to the inszerdous substance-specific water solubility limit.

(X) The GSI criterion shown in the generic cleanup tricks is not protective for surface when that is used as additiving water source. For a groundwater disclarge to the Great Lakes and the Connecting waters of thecharge in clean provide the supply make in inlined surface waters, the generic GSI criterion shall be the surface water human drinking water value (HDV) listed in the table in this footnote, except for these HIV indicated with an asterisk. For HDV with an asterisk, the calculated ECV. See formulas in footnote (G). Soft protection order is based on the HDV shall be listed in this footnote, except for these HIV indicated with an asterisk. For HDV with an asterisk, the calculated ECV. See formulas in footnote (G). Soft protection order is based on the HDV shall be listed in this footnote, except for those values with an asterisk. Soft GSI protection criteria for compounds with an anterisk shall be the greater of 20 times the GSI criterion or the GSI soft-water partition values using the GSI criteria developed with the procedure rescribed in this footnote.

Hazardous Subtance	Clienneal Abstract Service	Surface Water Human Drinking	
Acevionimie	Number	Writer Values (HDV) (sp/L)	Criteria for H
	107(3)	2,8 (84); 0,77	TOURNAL F
Alachior	0.5972658	3.5	91
Anumony	744(360	2	1,400
Arsenic	7446382	50	23,030
Atrazine	1912249	4,3	86
Barium	2640393	1,9007	•
රිතාඥාව	71432	12	240
hist2-Chlorpethylicther	1(144	1 (54); 9.79	LEG (M); 2
Browne	15541454	10 (M); 0.3	2019 (66); 1
Bury's benzyl phihalace.	65687	6.9	13,000
Catterium	7440439	2.5*	
Carbon terrachloride	\$6235	5.6	110
Chioride	16887606	511,17(0)	1.008-106
Chioreform	67663	74	1,566)
Chromman (III)	16063831	128*	
Cyanazine	21725462	2 (M); 8,93	200 (M); 44
3.3 Dicalonobenzidane	93941	0.5 (64), 0.14	2,000 (%); 7
1.2-Dichloraethane	187962	6	120
I.I.Dichloresthylone	75154	24	480
1.2-Dichloromonase	78875	<u> </u>	180
N.N-Dimethylacttanside	127195	7391	14,0120
1.4-Dicagoie	121011	34	680
Ethylene distantice	1106934	0.05 (M); 0.896	20 (54); 1 (
Ethylene shoed	107211	56,000	20105-06
Heptachilor	76448	0.08 (M); 8.0617	NLL NLL
bein-Hexachlorocyclohexane	319857	0.624	
hexaction thanc	67721	5.3	20 (M) 320
	7839	310	
Isophotone	67630	28,000	6,2(11)
Isopropy'i alonnol		14*	5.60E+05
Lead	7439921		· · · · · · · · · · · · · · · · · · ·
Mangapese	7439965	3,600	25 (KKI
Methyd-test-bulyl ciller (MTBE)	1634044	1(6)	2,609
Matyleneolilaride	75052	47	946
Mires	2385853	0.02 (M); 1.6E-5	NIT
Molyndenum	74339987	12.4	2,408
Nitrobarzene	98953	4.7	3 10 (M): 94
Pestarbiorophenol	\$7565	1.84	*
1,2,4,5 Terrachtorobenzene	95943	2.8	3,300
1,1,1,2-1 ctrachlomethane	630206	<u>. 9</u>	(biu
	79345	12	64
	127184	11	230
L.1.2.2-Tetrachtomethane Tetrachtomethylene			
Fairechtoroctbylene Feirelnydrofuren	109999	350	1,008
Tetrachtoroetbytenn Tetrahydrofuran Thallium	744.028/1	2,0 (M); 1,2	2, 3111
Tetrachtoroetbytene Tetrahydrofuran			

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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).

	· · ·	,,,,,,,,,		T				Part 213 Tie	1 RBSI		
Sample ID	Date	Analyte	CAS	tinits	Detected Concentration	Spectivide Definit Background Lords	Res Compt : Driaking Watu	Oronaul Santiace Water base/face	Volatkization to factor Air	Soil Saturation Concentration	Direct Contact
C₽-3@24	9/2/2008	Arsenic	7446-38-2	ps/Kg-dry	2,4(¥)	5,800	4,6(X)	20.0001(33)	NLY	NA	7.4
(tiaz)	İ	Barhein (B)	744()-3-3-3	UE/KEKIN	50,000	75,000	1,100,000	<u>\$70.001</u>	NUV	N4	180,00
		Chrommm <sup>®</sup> (B.H)	7440-47-3	ug/Kg-dry	18.090	18,0,40	1.0EH9 (D)	3.200.000,000	NI.V	NA	790.000,00
		Chromian (M)	18:40-29-9	Hg/Kg-dry	ND	NA	30.UKXD	3,300	NLV	NA	2,500,00
		Copper (B)	7:40-56-8	HG/K.5-Ory	15.000	32,000	5,860,000	\$6,000	NLV	NA	20.000.00
		fron (B)	7439-89-6	μ <u>ε</u> /Κε-άτι	13,069,000	12.000,000	6,000	NA	NLV	NA	160,000,00
í	İ	Manganese (B)	74,19.96-5	ue/Ke-riry	280.000	440,1KiQ	1,000	68,000	NLV	NA	25,000,00
		2 mc (8)	7440-56-6	ag/Kg-dry	.)2,900	47,030	2,400,000	200,009	NLV	NA	170,0(20,0)
		HPA H260 VOCS EVA 8278 PNAS	····	JAE/Kg drv JAE/Kg drv	ND OW				···-		<u> </u>
		DRO	····· <u>_·</u> _····	ag/Ng-dry	ND	NA	NA	NA	NA	50,000	NA
		GRO		ng/Kg dry	ND	NA	NA	NA	NA	50,000	
@-2A @4.5	9/5/2008	Amonic	7410-38-2	ue/Ke-try	2,60	5,800	4,690	70,000 (20)	NLV	NA	7,60
[ioz]		Barium (B)	744(1-39.3	ag/Kg-dry	64,000	75.0(10	1,100,000	570.000	NLV	NA	180,00
		Cadatinn (B)	7440-43-9	gg/Kg dry	240	1 200	6,000	4,309	NLV	\$50,000	
		Chromiers <sup>6</sup> (9,11)	7440-47-3	ng/Kg-dry	21,000	15,000	1.06+9(0)	3,703,006,008	NLV	NA	790,000,00
		Copper (B)	7440-50-8	ng/Kg-dry	16,009	32,000	5,800,000	\$6,003	NEV	NA	20,000.00
		iron (B)	7439-89-6	µg/Kg-dry	16,000,000	12,000,000	6,000	NA	NLV	NA	160,000,00
		Lead (B)	7439-92-1	µB/Kg day	7,760	21,000	700,090	3,700,000	NLV	ΝA	400.00
		Manganese (B)	7439 96-5	up/Kg-dry	310,000	449,000	1,060	68.000	NLV	NA	25,9%,00
		Zine (B)	7441-66-6	uB/Kg-dity	.4,000	47,090	2,400,000	200.000	NLV	NA	170.000.00
		DRO	·	µE/Ke dry	ND	NA	NA	NA	NA	\$1,000	NA
		(CRO		pg/Kg-dry	NÐ	NA	NA	NA	NA	50,000	NA
		EPA 8270 PNAs		HE/KE-OD	ND						
	·	EPA 6260 VOCs		HE/Kg-dry	<u>, ŅÐ</u>						
Trip Blank		EPA 1260 VOCs		1 28 <sup>4</sup>	ND						
soilmenhanol]	A.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1			L		····	100				<u> </u>
GP-12 @ 10-15	\$7.3726318	iron (ji)	7419-89-6	µg/1.	3,100	NA	100 (T)	NA	NLV	NA	58,000,00
(adactoris)		Manganese (B)	1439-96-5	<u>)'</u> 24	320	NA	58 (D	3,403	NLV	NA	9.105.00
		EPA 8279 PNAs	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u>ND</u>						·
		EPA \$260 VOCs		<u> 16/1-</u>	ND						
MW-3	9/1/2008	iren (B)	7419-89-6	pg/L	360	NA	388 (E)	NA	NLV	NA	58.003,80
(adreona)		Manganeso (B)	74,19-90-5	µg/L	168	NA	50 (E)	3,400	NLV	NA	9.100,00
		EPA S270 PNAs		<u>µg/L</u>	ND						
	0.0.00	EPA \$250 VOCs	T440.20 D		ND					·	·····
GP-16A	9/1/2(3)8	Arseale	7449-38-2	pg/L	59	NA	<u>1</u> ê 2,000	150	NLV	NA	4.30
adaconz)		Heripm(B)	7448-39-3	<u>µ¢/i.</u>	1,100	NA	2,000		NEV	MA	14,000,00
		Catelum	7448-43-9	IL2/L	5.Đ	<u>NA</u>	<u>, ,</u>	3.6	<u>NLV</u>	NA	190.00
		Chronium" (B,H)	7440-47-3	pg/L	178	NA	100	130	NLV	NA	290.000.60
1		Copper (B)	7440-50-8	μg/1,	130	NA	E.000	15	NLV	NA	7,400,00
		irm (B)	7439-87-6	<u>µg/i.</u>	(20.000	NA	39 <u>6 (E)</u>	NA	NLV	NA	58,008,00
		Lead(II)	7439-92-8	<u>pg/L</u>	390	NA	4 (L)	21	NE.V	NA	ID
		Mangauese (B)	7439-96-5	112/L	4,600	NA	50 (E)	3,400	NLV	NA	9,100,00
		Zinc (B)	7449-66-6	ાષ્ટ્રમાં.	3,208	NA	2,409	199	NI.X	NA	110,000,00
		Isopropyibrazene	98-92-8	µg/l.	1.9	NA :	800	Ð	56.000 (S)	NA	56,000 (\$
		Methylten-butylether (MTB	1634.04-4	pg/L	4.2	NA	40 (E)	730	4,7E+7(S)	NA	610,00
		EPA 8220 PNAs		yış/L	ND						
GP-13	9/3/2008	Соррст (8)	74411-50-8	<u>98/L</u>	4.9	NA	1.000	15	NLV	NA	7.406.00
aducous)		lron (9)	7439-89-6	<u>+19</u> /L	3,560	NA	300 Æ)	NA	NLV	NA	58,000.00
ļ	1	Lesd(II)	T419-92-1	μ <b>g/t</b> .	5.6	NA	4 (Q.)	2!	NUM	NA	a
1		Mangauere (B)	7439-96-5	յուշ/L	300	NA	50 (E)	3,400	NLV	NA	9,100,00
		Zinc (B)	74413-66-6	րբ/Ն	74	NA	2.400	200	NLV	NA	10.000,00
ļ		Isopropybenzene	91.52.8	μ <u>ε/</u> Ι.	14	NA	800	iD	56.000(8)	NA	56,030 (\$
		EPA S270 PNAs		pęil.	ΝD						
2-16	9/3/2038	Acenaphthylene	208-96-8	µg/L	29	NA	52	- di	3,900 (S)	NA	3,906 (S
equeous]		Naphthelenc	91-20-3	pgA.	45	NA	520	[3	31,000(S)	NA	31,090 (\$
· · · · · · · · · · · · · · · · · · ·	· . ·	1,2,4-Trimethylbenzene (I)	95-63-6	<u>με</u> /Ι.	30	NA	63 (E)	37	56.000 (S)	NA	56,000 (\$
···· 1		1.3.5-Trincthy/Denzone (f)	208-67-8	us/L	9.8	NA	72 (E)	45	61,000(S)	NA	61,000 (5
l		4-isopropyiotient	99-87-5	pg/L	20	NA	NA	NA	кA	NA	NA
1		Benzene (I)	71-43-2	Heft	1,500	NA	5 (A)	200	5,600	NA	11.00
1		Ethylbouzene []]	100-41-4	142/L	15	NA	74 (E)	או	110,000	NA	1 76+5 (5
		Isopropylbenzene	98-82-8	µ∎/L	23	NA	800	ID.	56,000 (\$)	NA	56.000 (\$
								175			
		n-Sutyloenzene	104-51-8	μg/L		NA	80	D	10	NA	5.90
		n-Sutybenzene n-Propybenzene (l)	103-65-1	ρ <u>υ</u> 4.	53	NĂ	86	lD	D D	NA	15,00
		n-Sutyloenzene									



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QP-15	9/3/2008	1,2,4-Trimethylbenzene (I)	95-63-6	ug/1.	29	NA	63 (E)	17	\$6.000 (S)	NA	56,000
aqueous		1,1,5-Trimothylbenzene (i)	158-67-8	μ <u>ε</u> /L	6.3	NA	72 (6)	45		NA	61,000
		Isopropybenzenc	96-82-8	.µg/l	1.8	NĄ	8633	(D	56.000 (S)	NA	56.000
		a-Propylocazene (f)	)02465-1	ug/L_	3,6	NA	50	ſŬ	1D	NA	154
		Nylones (i)	1330267	jie/L	106	NA	280 (E)	35	1.9E+S(S)	NA	1.90+5
GP-5	9/3/2008	EPA \$260 VOCL		μ <u>ε</u> /1_	ND						
[soncour]		EPA 8270 PNAs		<u>pq</u> ⊑/[	ND		_ <u></u>				- <u></u>
(P-1)	9/3/2D08	Arsenic	7440-38-2	µe/L	45	NA	10	150	NLV	NA	<u> </u>
[adocous]		Sarison (B)	7440-39-3	<u>ut i i i i i i i i i i i i i i i i i i i</u>	520	NA	2,000	870	NEN	NA	14,000,0
		Cedmium	7440-43.9	1. 1.¢/[.		NA		<u>16</u>	· NLV	NA	190,1
		Commission (5,H)	7440.47-3	pg/L	H4	NA.	100	130	NI.V	NA	790,600,0
		Copper (B)	7440-50-8	Pg/L	130	NA	1.000 (E)	14	NLV	NA	7,490.(
		from (8)	7439-89-6	pig/L	60,000	NA	(C3) 00E	NA	Nt.V	NA	58,000,0
	Į	t.esd(B)	7439-92-}	pg/l	540	<u>NA</u>	4 (L)	21	<u>NIN</u>	NA	10
		Manganese (B)	7439-96-5	pg/L	3,200	NA	50 (E)	3.400	NLV	NA	9.100
		Zine (B)	7440-66-6	ng/L_	960	<u>NA</u>	2,400	200	NLV	NA	110.000,0
	ļ	Beuzene (I)	71-43-2	Mg/L	5.9	NA NA	5(A)	206	5.600	NA	)1.(
		Bihylbenzene () Nylenes (i)	100-41-4	<u>98代</u> 18代	2.0	NA NA	74 (E) 280 (E)	18	310.000 1.9E45 (S)	NA NA	1,7E+5
		Toluene (f)	108-68-3	με/Σ	7.4	NA	7'X((E)	140	5.3E+5 (\$)	NA	5,16+5
	}	EPA 8270 PNAs		K0/1	ND					NA	
GP-10	9/4/2008	Barigto (8)	7440-39-3	μg/L	21.6	NA	2,000	870	NLV	NA	14,000,6
[aqueous]	Į	fron (B)	7439-89-6	με/ί.	22,000	NA	300 (15)	NA	NLV	NA	58,000,0
	1	Erad(B)	7439-92-1	pg/L	4.3	N.4	4 (L)	21	NLV	NA	1D
	1	Manganese (B)	7439-96-5	με/ί	12.000	NA	50 (E)	3,400	NLV	NA	9,300,0
	1	Zine (3)	7443-66-6	<u>µ≩</u> ∕L	24	NA	2,400	790	NLV	NA	119.000.0
	1	1,2,4-Trimothylbenzene (I)	95-61-6	<u>ре/f.</u>	1.6	NA	63 (E)	17		NA	55,000
	1	Tokene ()	10N-88-1	ug/L	24	NA		146	5 JE+5 (S)	ΝA	5.3E+5
<u></u>	Interior	EPA 8270 PNAs	7441.304	<u>ngil</u>	<u>N0</u>	573	+				
GP-14 (seucons)	9/4/2008	Barium (B)	744(1-39-3 7440-50-8	<u>με/Έ</u> με/Έ	120 11	NA NA	2,000 1,000 ( <u>E</u> )	876	NLV NLV	NA NA	34,000,0 7,400,0
[aqueous]		Copper (0) (tran (B)	7439-89-6	μ <u>ε/1</u> με/4.	9,500	NA	300 (E)	15 NA	NEV	NA NA	7,400,0 SE (000,0
	1	Lead(B)	7439-92-1	112/L	7,100	NA NA	4 (L)	21	NLV	NA	
	(	(Manganese (B)	7439-96-5	μ <u>μ</u> γο μ <u>α</u> /ί,	330	NA NA	50 (E)	3,400	NEV	NA	1D 9,103,1
	l	Zinc (B)	7440-56-6	pg/L		NA	2,400	206	NLV	NA	10,000,0
	1	EPA K261 VOCA	1 111 211 0	PE/L	ND	······		2007			110,800,0
		EPA 8270 PNAs		ng/L	ND		1				······································
CP-174	9-4/2068	Arsenic	7440-38-1	ug/1,	50	NA	10	150	NUN	NA.	4,3
[aquebus]		Barianti (B)	744(1.30-3	pg/t.	720	NA	2,600	870	NEV	NA	14.000.0
•	1	Сноткат	744(-43-9	喧儿	3.0	NA	5	79	NEV	NA	190,0
		Chromines" (B,H)	7449-47-3	µ⊭∕t	380	NA	188	130	NLV	NA	796,000,0
	1	Copper (B)	7449-50-R	ng/L	230	NA	1,000 (8)	15	NEV	NA	7,403.0
		(Iron (II)	7439-89-6	$\rho g / l$	190,000	NA	300 (E)	NA	NLV	ŇA	58,000,0
	}	L£Ad(B)	7439-92-1	ng/1.	86	NA	4 (L)	21	NLV	NA.	20
		Manganesc (B)	7439-96-5	ng/L	4,200	NA	59 (E)	3,400	NLV	NA	9,100,0
	ŧ.	(Zinc (B)	2440-66-6	pg/L	500	NA	2,400	200	NEV	NA	110.000.0
		EPA 8266 VOCs		μ <u>β</u> /1	мD						
	4	EPA 8270 PNAs		118/1.	NÐ						
MW-1	9/4/2008	Acenaphiliylene	208-96-8	µg/L	70:	NA	52	(D	3,916(5)	NA	3,990.(
[ສຊະເດນຣ]	1	Napitthalenc	91-20-3	ug/L	170	NA		13	31,000753	NA	31,060 (
		(Barium (D)	744(1,39-3	µg/L	120	NA	2,000	870	NEV	NA	14.000.0
	1	iron (B)	7439-89-6	<u></u>	\$3,000	NA NA	380 (E)	NA NA	NLV	NA	58.000,0
		Manganese (B)	7439-96-5	μg/l,	1,708	NA	50 (E)	3.400	NLV	<u>NA</u>	.5,100,0
	1	1.2.4-Tringthy benzest (i)	95-63-6	<u>J·34</u>	)4 	NA	<u>63 (E)</u>	17	56.006 (5)	NA	56,999
		1.3.5-Tringthylocazene (l)	108-61-8	48/L	2.7	NA	72 (E)	45	61,000(S)	NA NA	51,000
		Benzene (B	100-41-4	pg/L	19	NA NA	5 (A) 74 (E)	200	5,600	NA	176+5
	1	Ethylbenzene (f) Isopropylbenzene	100-01	µg∕ī. µg∕ì.		NA NA	800	3) 10	56.000(\$)	NA NA	56,000
	1	n-Butylbenzene	104-51-8	ր <u>ց</u> /է		NA	80	<u>ID</u>	10	NA NA	Stear St
	1	n-Propelhenzene (i)	103-65-1	- <u>94</u> 1\gq	130	NA	80	10	10	NA	15,0
	1	Xylenes (I)	1330207	με/L	23,5	NA	280(E)	.35	1.95+5(5)	NA	1 9E+5
		Yoteene (f)	2418-88-3	μg/t.	1.9	NA	790 (E)	140	5.3E+5 (S)	NA	5.3E+S
GP-12d	9/4/2008	1,2,4-Trinsethylbenzene (B	95-63-6	pg/2,	42	NA	63 (E)	17	56,000 (8)	NA	56,000
[aqueous]	1	1.3.5-Trimethy benzene (f)	108-67-8	μg/Ι.	12	NA	77 (E)	45	61,000 (\$)	NA	61,000
· · · ·	· ·	Benzene (1)	71-43-2	<u>рр/1,</u>	39	NA	5 (A)	21163	\$,603	NA	11.1
		fabytheasene (f)	100-41-4	pg/L	28	NA	74 (E)	18	110,000	NA	1.7645
· ·	1	Isoptopyhetizene	98-82-8	µ£/[,	22	NA	600	ID.	\$6.000 (S)	NA	56,000
		a-Propyibenzenc (!)	103-65-1	ug/l.	6.4	NA	80	ID	10	NA	15.
	1	Nylency (I)	1330207	µg/L	(3)	NA	280 (E)	35	1.9E+57S}	NA	1.9E45
		sec-Rutylaetmene	8-86-25.1	11 <u>6</u> /L	1.1	NA	80	ID	10	NA.	4,
	+	Tohene (i)	105-88-3	<u>yg/l</u>	24	NA	790 (E)	140	S.3E+5(S)	NA.	5.3E+5
4W-2	9/5/2008	lcen (B)	7439-89-6	He/L	680	NA	360 (6)	NA	NLV	NA	58.000
	1	Munganese (B)	7439-96-5	<u>μ</u> ε/L	98	NA	50 (E)	3,400	NLV	NA	9,100.
aqueous	1	EPA 8260 VOCs		μ <u>ε/1</u> ,	ND						
adacone!	· · · · · · · · · · · · · · · · · · ·	EPA SZTO PMA s		ug rL	NÐ		┢╍╌╌╌╸┟		ł		
		Irns (B)	7439-89-6	<u>⊭</u> g/l.	480	NA	300 (E)	NA	NLV	NA	58,000,0
<b>7</b> 4-6	9/5/2008	the second second second second second second second second second second second second second second second se									0.100.0
	9/5/2008	Manganese (B)	7479-96-5	µg/L	29	<u>N4</u>	50(5)	1,408	NLV	<u> </u>	9.100.0
<b>7</b> 4-6		Manganese (B) EPA 8260 VOCs	7479.96.5	112 <sup>(i</sup> ,	29 ND	<u>N4</u>	<u></u>	3,408	NLV	<u>NA</u>	9,100,0
<b>7</b> 4-6		Manganese (B)	7439.96.5		29 ND ND	<u>N4</u>	<u>50(5)</u>	3,408	NLV	<u>NA</u>	9.1009.0

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#### **KIESER & ASSOCIATES, LLC**



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Notes: Buld and thaded values occord from 213 (ter 2 Kisk Blaced Screening Levels (RBSRs) for concentrations measured in soil or pointed upter (as appropriate). MLI - NOUBLEF to KAGE NO.V = Not filely to volatilize.

n = DEQ requires for al Gunnaum data to be compared with CF vi electrics. CF M analyses were also requested and reported Num-External States are receptered with CF (Ferricon).
b = Collection of saturated nois are requested by PMIST = Neither solit and verter sample analyses methods are appropriate for compations of saturated "nois" samples to generate solit or provide mater cleanup chieria
the cleanup chieria are based upon exposure assumptions appropriate only for solit or with CP, (i endow). · · · · · 2014, On Mona #2 - Attachment M

(A) Control to the state of Michigan disaling what standard established parseaut in Scellan 5 of 1976 PA 399, M/E, 6015

(B) Bit Reported, as defined in R. 299,5704 (b), very be substanted if higher time the calculated channep existions. Its Aground levels may be less then enter for some interprise companyos

. 103 What presented is a screening level based on the chemical-specific peneric sull summition (Cm) since the calculated risk-based extended is been than Cont. Contemportation is greater than Contemport acceptable channy entern no this parametry whose a shewnee fit demonstration indicate that beephase indicate considing a having our substance is not present.

(b) Calculated exteriors exceeds 400 percent, hence it is reduced to 100 percent of 1.0142 parts per billion (ppb).

44 Criterion is the assisted driving water values as required by Section 201284(5) of the Natural Revoluces and Environmental Projection Act, 1994 PA 45), its amonded (RRUPA). A notice stance impact may be employed as an instituational renator records methanism formation account is the activities the assisted and the environmental Projection Act, 1994 PA 45), its amonded (RRUPA). A notice stance in the employed as an instituational renator records methanism formation activity of the activities the activities the activities of the applicable in the Software tracted as a stational renator records and the activities that activities the activities that a stational renator relation activity of the activities that activities the activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities the activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activities that activitities that activities that

Hazarətmin Subriance	Chralent Austract Kerséce Number	Restönnta liedia- älaurd Deinking Water Value	Industrial- Commercia Hileath Bailed Drinklag Water	
Alapipunt	7429265	360	4,100	· · · · ·
leminry Amyl methyl other	JQxXX58	5t0	2.630	· · · · ·
Depart	7440508	1,400	4,050	·
Diethyl eitier	01C177	3.200	19,000	
Glay Menzelie	H/FA1A	790	700	
INN:	74398%	2500 C	5.0X0	
Mengahasa	7459965	860	2,930	
Merkyl-ten-butyl-enter (14 / DP)	163,34044	244	690	
Tolucit	10,688,3	1,680	1,900	
2.4. Trinterlay)betaze te	95656	1,600	3,9Ki	
1.3.5-Filimentry/howevers	103678	3,006	7.900	
Xylenes	(330217	10,000	201,06k1	

(G) Control of the experimentation of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the are the presence of the 10 states the CN1 officence of the CN1 soils and/or partition online using the CN1 officing developed with the proceedure desembed in this familiate.

(1) Where specific chambers data (Cr B) and Cr VP shall be compared to the corresponding value expection cherter. If both Cr III and Cr VI are present at a many indiced and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and contract and c expend the drividing water chirecton of 188 up/1. If analytical data are provided for notations information of the second and the characteristic of the solid characteristic for protection of contrast of contrast of the solid characteristic for protection of contrast of contrast of the solid characteristic for protection of contrast of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of contrast of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characteristic for protection of the solid characterist

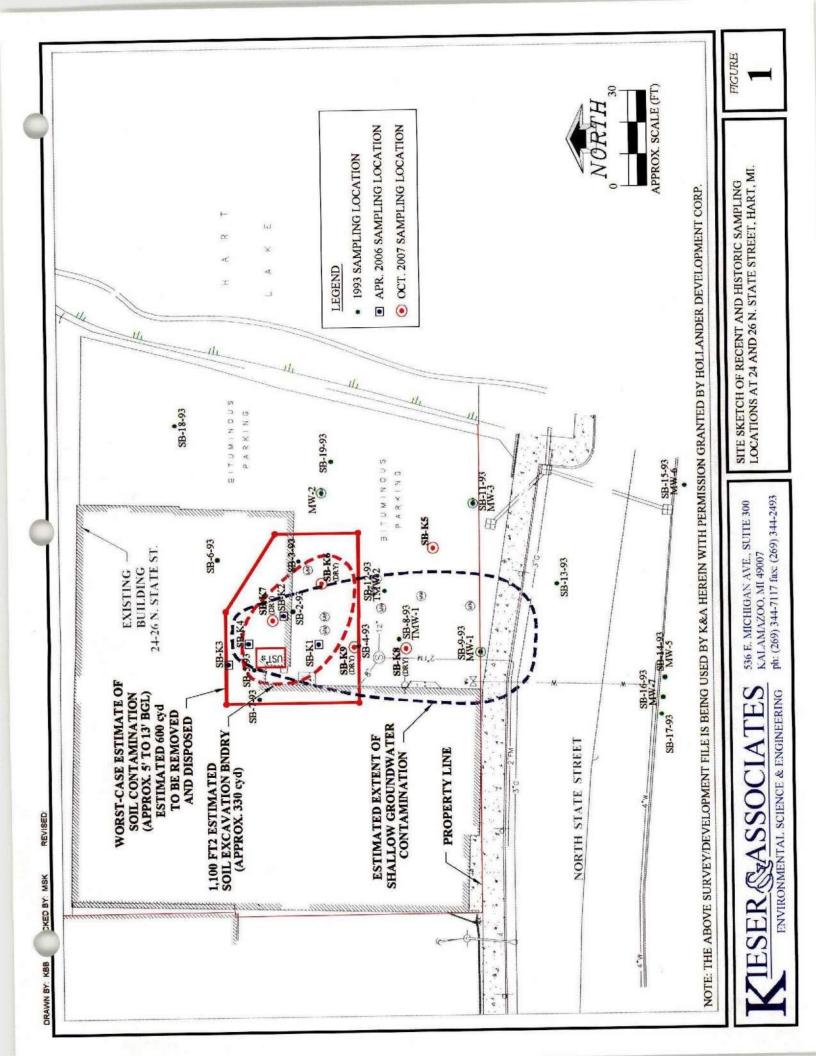
III The incluse substance may exhibit the characteristic of ipsicability as defined in MCP R. 261,21 (covined at on Duby 1, 204), which is adapted by reference at the characteristic of inspection at the DRD, 525 West Allogen Street, Lonsing, McHigan, Orbics of the regulation stup degratches of a control of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of the target of target of the target of the target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of target of t

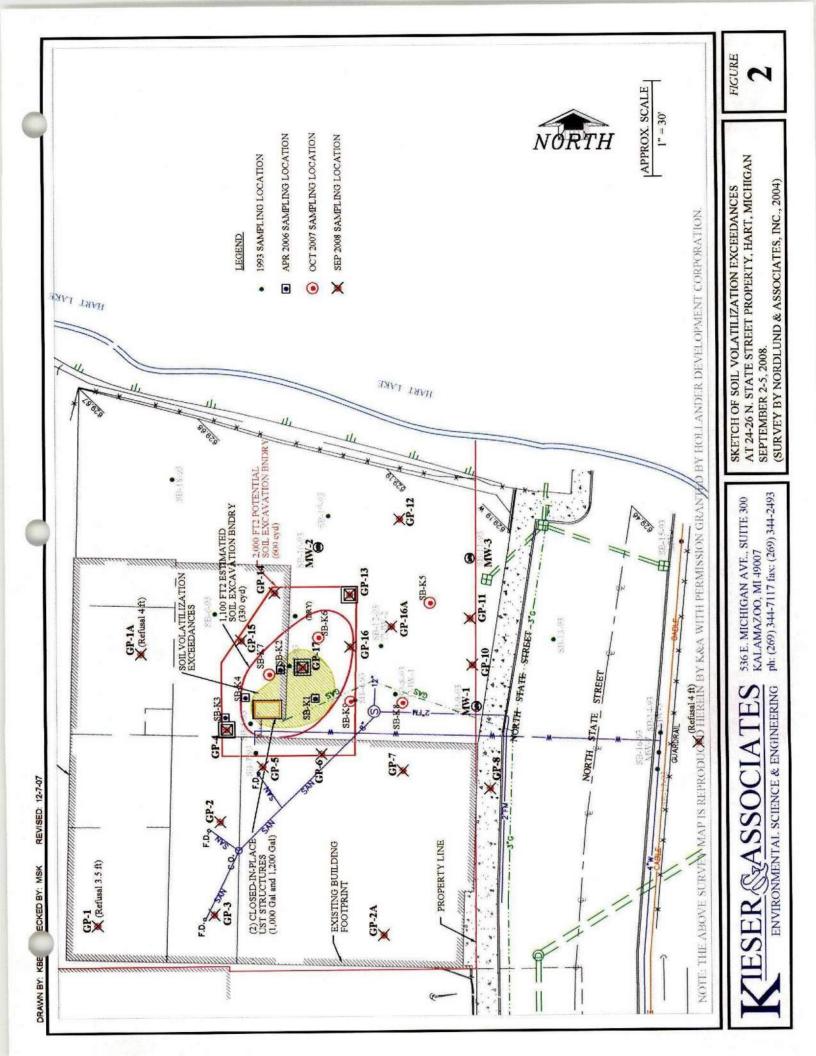
(Q) Criteria for conclusionic polycyclic anomalic hydrocarinaux dere developer) using relative potential potencies to benauta)pyrche

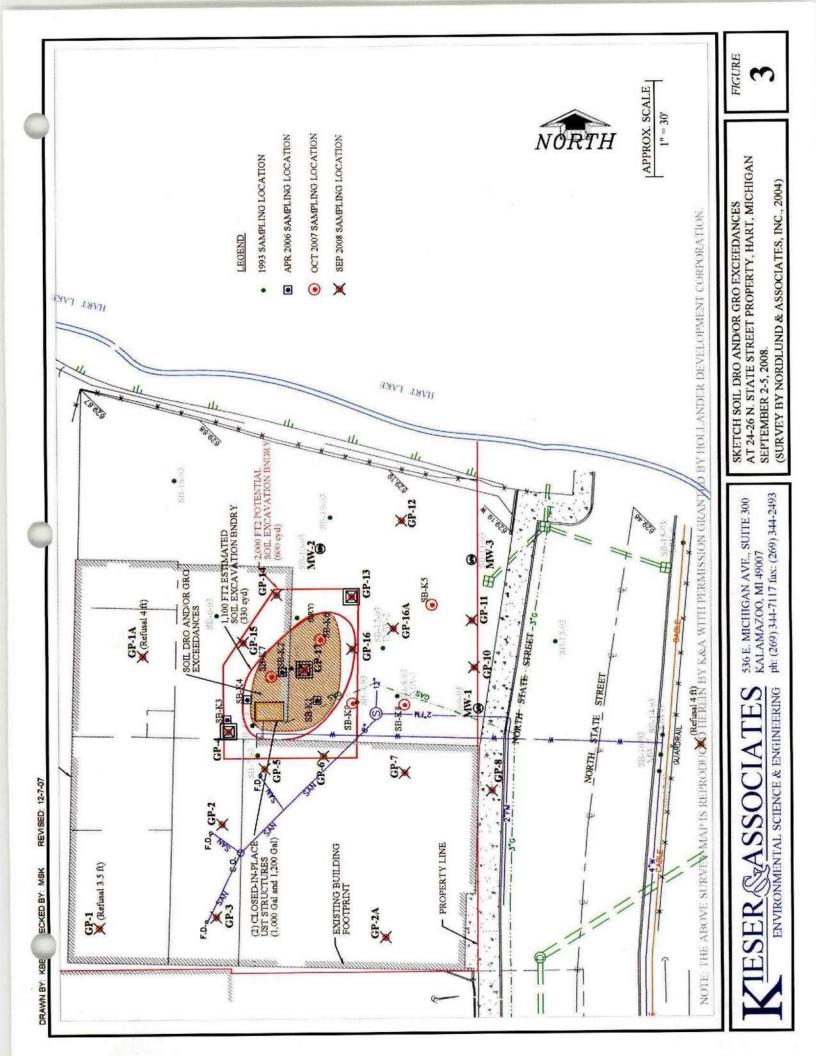
(S) Chitorion defaults to the hazardous substance-specific water solubility imag-

(X) The USI enterior shown in the generic cleantly lables is not protective for surface uster that is used as addiving water source. For a grouphingter discharge to the Group Lakes and the Connecting, waters or discharge in Chase Burdnilly to notice supply listing in this is suffice waters, the genetic GM enforts that he list suffice waters are used and the listing suffice waters are the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient of the sufficient o developed with the national method in this Southate.

Baseline Environmental Assessment for Disclosure, September 10, 2009 24-26 N. State Street, Hart, Michigan Michigan Land Bank Fast Track Authority







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NICHIGAN DEPARTM	MENT OF STATE POLICE UNDERGRO	OUND STORAGE	ANK SITE ASSESSME	NT REPORT F	DRM T	
PLEASE TYPE OR PR	INT)	SEE REVERSE	SIDE FOR INSTRUCTIONS		. Ken	
mplementing Agen Michigan State Pol Fire Marshal Divisio	ice Hazardous on P.O. Box 30	Materials Section 157 chigan 48909	Facility Number 0-008330		-2174	I NTR 14:
I. OWNERSHIP	OF TANKS Owne	Name (corporation/	indivídual, etc.)			
COUNTY OF Mailing Address	OCEANA					
	100 State Street		City Hart		State MI	Zip Code 49420
County	Township		Telephone (includin	a area code)	111	1 45420
<u>Oceana</u>	•			-4835	ĺ	um: 9/3/9
Contact Person for L	ocation .	•			<u> </u>	<u></u>
Paul Inglis	TR			<u> </u>	<u> </u>	<u> </u>
II. LOCATION C	IF TANKS 🔄 PLEAS	E CHECK, IF SAME AS	SECTION I Facility Nam سوايت جوديد موتين معرفين	10 Starts the who	Art. Lair There at 1	
treet Address (P.O. I			City		State	Zip Code
County	Township		Telephone (includin	g area rode)	<u> </u>	
· -			( )	3		
ANKINFORMATION	I: Substance Stored Gasoline/Di	in Tank(s) esel	Tank Number(s) 1 & 2		Test Metho Attach	odology Used ecl
est Methodology Le Attached						
Iolding Time of Sam		<u> </u>	Date Consult/A) Table		<u> </u>	
orang rine or san	hiel?)	•	Date Sample(s) Take 4/15/92	n		r Found in the D? 📋 Yes 📋 No
т	he site assessment rend	t must be received i	y State Fire Marshal within		I	
formation Submitt Paul E. I	nglis	3	Company County	of Oceana		1
ignature , Va	e E. H	~	Date 04/17/9:		Telephone	(including area code) $873 - 4\nu35$
OU MUST ATTACH	TEST SAMPLE RESULT	S AND PROVIDE A SI	TE SKETCH WHICH INDICA ES TAKEN. MAIL TO FIRE M	TES THE LOCAT	IONS OF TA	NKS AND PIPING AN
		ويسوي المتحديد بجبي والتجريبي والفكف التكا	VRITE BELOW THIS LINE			
,		SITE ASSES	SMENT REVIEW REPORT			
our site assessment	report has been review		vision staff and the followir	10 determination	n made:	
· El Test metho	viology or level of date	uction of the method	lology is faulty. The data s Its to this office within 45 d	- when it and is not	ليميمانتموهم	valid. Please perform
The contain	ninant concentrations ai	e below the threshol	d detection levels and there	e is no evidence (	of a confirme	ed release.
there was e Undergrou (MUSTR), a	evidence of a confirmed nd Storage Tank Rules (	l release. The confirm MUSTR), prior to excontrimed and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec	aminant concentrations we ned release was not report avation of contaminated s ed A confirmed release of thized.	ted to this office ail. To complete	within 24 h e vour cenor	ours, per the Michiga tion requirements, pe
determine i Response A	if a Type A, B, or C clea	nup may be perform	threshold detection levels ed, please refer to Part 6 a cleanup requirements. A	nd Part 7 Rules i	under the Mi	ichigan Environmenta
The numbe perform an	r of sampling points an other site assessment ar	alyzed are considere nd forward a copy of t	d inadequate to make a de the results within 45 days.	etermination ón	the cleanlin	ess of the site. Please
ignature of Reviewe	r C.R. Z	ajac	n ", i		Date of Rev	iew 1192
•		- man	Facility Number			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
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COMPLIANCE: Re PENALTIES: Ar	84 PA 423, as amended quired by owner/operator who bject to a misdemeanor t to exceed \$5,000 per d	fails to notify is and civil penalties	DISTRIBUTION: 1. ORIGINAL, C. MARSHAL DI 2. PINK COPY F	IVISION AT ABO	VE ADDRESS	MENTS TO FIRE

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2. PINK COPY FOR YOUR RECORDS

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# Paul E. Inglis Oceana County

PHONE 873-4835

Oceana County Administrator/Fiscal Officer P.O. Box 14 Hart, Michigan 49420

# FAX TRANSMISSION MEMO

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DATE:	May 4, 1993	
FROM:	Oceana County	
	Hart, Michigan	
FAX NO:	(616)873-4177	
	• • •	
TO:	Andrea Zajac	
LOCATION	N: State Fire Marshall Division, Lar	nsing
FAX NO:	(517)322-0430	
# OF PGS:	. 1 (NOT inclu	uding this memo)
IN RE:	Sketch of underground storage tank:	S
MEMO:		
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\*\* TX CONFIRMATION REPORT \*\* AS OF MAY 4 '93 12:32 PAGE.01

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OCEANA CO

DATE TIMETO/FROMMODEMIN/SEC PGSSTATUS015/412:31MSP FMDLANSING, MIUF--S00"29020K

FP FILL ALL LINes • Removed 21-Jall Warr prehe. SAMPLes 5012 8. ' a bout JA T Taken J below grand Level end's of each beth FLOW (PLEASE REFER TO SOIL SAMPLE RESULTS.) to be TARKS VINe o<sup>c</sup>l ouved. garage. WERC PUMPS and removed by Y0 convis FARMERS PETROLEGM, Inc. j,

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#### 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

1 11 Jayie Julien Jayie (517) 322-0430 phone # 617) 322-1861

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RE: Underground Storate 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

FM-30 (5-92) MICHIGAN	I DEPARTMENT C	F STATE POLICE	AGETANK	SITE ASSESSMENT REPO	DRT FORM	
(PLEASE T	YPE OR PRINT)	SEERE	EVERSE SIDE F	OR INSTRUCTIONS		
Michiga	iting Agency: n State Políce shal Division	Hazardous Materials Sec P.O. 80x 30157 Lansing, Michigan 48909		Facility Number 0-008330		
	WNERSHIP OF TA	NKS Owner Name (corpo		ual, etc.)		
<u>COUN</u> Mailing A	TY OF OCE	ANA		City	State	Zip Code
	Box 14, 100 S	State Street		Hart	<u>MI</u>	49420
County		Township		Telephone (including area co	de)	
Ocean	a erson for Location	<u></u>		(616) 873-4835		
Paul Ir		· ·				
	OCATION OF TAN	KS 🕅 PLEASE CHECK, IF SA	AME AS SECTION	ON I Facility Name		
Street Add	dress (P.O. Box no	t acceptable)		City	State	Zip Code
County		Township		Telephone (including area co ( )	de)	
		ubstance Stored in Tank(s) Gasoline/Diesel		Tank Number(s) 1 & 2	Test Metho Attache	dology Used 2d
Test Meth Attacl	iadology Level of hed	Detection				
	ime of Sample(s)	<u></u>		Date Sample(s) Taken		Found in the ? ] Yes ] No
	The site	assessment report must be re	eceived by Sta	4/15/92 te Fire Marshal within 45 days	of sample being tak	ел.
Informati Po	on Submitted By UL E. Ingl			Company County of O		
Signature P. P.A.				Date 04/17/93		(including area code) 873 - 4835
YOU MUS	ST ATTACH TEST	SAMPLE RESULTS AND PROV PTHS AND LOCATIONS OF THE	IDE A SITE SK SAMPLES TA	ETCH WHICH INDICATES THE	LOCATIONS OF TA	NKS AND PIPING AND
	<u></u>			BELOW THIS LINE		
*		SIT	LE ASSESSMEN	IT REVIEW REPORT		
Your site	assessment repor	t has been reviewed by Fire Ma	arshal Division	staff and the following deter	mination made:	
	another site asse	y or level of detection of the ssment, and forward a copy of	the results to	this office within 45 days.		
—		concentrations are below the				
	there was evider Underground Sta (MUSTR), a conf Resources, to ens	ed and removed from the site ice of a confirmed release. Th orage Tank Rules (MUSTR), pri irmed release report is being sure proper cleanup and testing	ie confirmed r lor to excavati generated g were utilized	elease was not reported to th on of contaminated soil. To c A confirmed release report is J.	is office within 24 hi complete your repor- being sent to the D	ting requirements, per lepartment of Natural
	determine if a T Response Act to Department of N	t concentrations are greater t ype A, B, or C cleanup may be determine the nature and s latural Resources.	performed, pl scope of clear	ease refer to Part 6 and Part hup requirements. A confirr	7 Rules under the M ned release report	is being sent to the
	The number of s perform anothe	ampling points analyzed are o site assessment and forward a	considered ina a copy of the re	dequate to make a determin esults within 45 days.	ation on the cleanlir	ness of the site. Please
Signature	e of Reviewer				Date of Rev	view
	*			Facility Number	,	
				<u>L</u>		\ \
AUTHO COMPLI PENALT	ANCE: Require IES: Any ow	A 423, as amended ed Iner/operator who fails to noti to a misdemeanor and civil pe exceed \$5,000 per day for each	inalties 1	DISTRIBUTION: 1. ORIGINAL, CANARY MARSHAL DIVISION 2. PINK COPY FOR YOL	AT ABOVE ADDRES:	MENTS TO FIRE

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1. C	RIGINAL, CANARY COPY, AND ATTACHMENTS TO
N	MARSHAL DIVISION AT ABOVE ADDRESS



Analytical Laboratories, Inc. Environmental Services

2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

ANALYTICAL RESULTS Great Northern Contractors DATE: 4/29/92 ATTN: Ron, Janet or Jim 950 Sternberg Muskegon, MI 49441 SAMPLE ID: 7303 04 4/15/92 DATE TAKEN: DATE RECEIVED: 4/16/92 SAMPLE TYPE: Soil CLIENT I.D.: County of Oceana - Hart, MI (North End of Diesel) RESULTS RESULTS (mg/kg) EPA 3540/8100/8310/8270 Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92) BDL (<0.33) 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(q,h,i)Perylene BDL (<0.33) Benzo(k)Fluoranthene BDL (<0.33) Benzo(b) Fluoranthene RESULTS EPA 5030/8020 (uq/kq)(analyzed 4/21/92)BAMDL (<10) Benzene BAMDL (<10) Toluene BAMDL (<10) Ethyl Benzene BAMDL (<30)Xylenes BDL = Below Detection Limits BAMDL = Below Acceptable Method Detection Limits

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Tim Holt Laboratory Supervisor



Analytical Laboratories, Inc. Environmental Services

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2241 Black Creek Roud • 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

DATE TAKEN: 4/15/92 ANALYSIS DATE: 4/21/92

SAMPLE TYPE: Soil CLIENT SAMPLE I.D.: County of Oceana - Hart, MI (South End of Gasoline)

EPA 5030/8020

SAMPLE ID: 7303 01

DATE RECEIVED: 4/16/92

Benzene Toluene Ethyl Benzene Xylenes

OTHER PARAMETER

Total Lead

RESULTS (ug/kg)

BAMDL (<10) BAMDL (<10) BAMDL (<10) BAMDL (<30)

RESULTS (mg/kg)

2.3

BAMDL = Below Acceptable Method Detection Limits

Tim Holt

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Laboratory Supervisor

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Analytical Laboratories, Inc.

2241 Black Creek Road • Muskeyon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

ANALYTICAL RESULTS Great Northern Contractors DATE: 4/29/92 ATTN: Ron, Janet or Jim 950 Sternberg Muskegon, MI 49441 . . . . . . SAMPLE ID: 7303 03 DATE TAKEN: 4/15/92 DATE RECEIVED: 4/16/92 SAMPLE TYPE: Soil CLIENT I.D.: County of Oceana - Hart, MI (South End of Diesel) RESULTS RESULTS (mg/kg) EPA 3540/8100/8310/8270 Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92) BDL (<0.33) 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 RESULTS EPA 5030/8020 (ug/kg) (analyzed 4/21/92)BAMDL (<10)Benzene BAMDL (<10) Toluene BAMDL (<10) Ethyl Benzene BAMDL (<30) Xylenes BDL = Below Detection Limits BAMDL = Below Acceptable Method Detection Limits Tim Holt Laboratory Supervisor



Analytical Laboratories, Inc. Environmental Services

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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

DATE TAKEN: 4/15/92 ANALYSIS DATE: 4/21/92

SAMPLE TYPE: Soil CLIENT SAMPLE I.D.: County of Oceana - Hart, MI (North End of Gasoline)

RESULTS -=

EPA 5030/8020

SAMPLE ID: 7303 02

DATE RECEIVED: 4/16/92

Benzene Toluene Ethyl Benzene Xylenes

OTHER PARAMETER

,

Total Lead

RESULTS (ug/kg) BAMDL (<10) BAMDL (<10)

BAMDL (<10) BAMDL (<30)

RESULTS (mg/kg)

3.7

BAMDL = Below Acceptable Method Detection Limits

Tim Holt

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Laboratory Supervisor

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M-23(7-92)-PART B Please type or print in ink all items except the signature	s in Section	VIII & XI. Thi	s form must be com	pleted for each location containing
Please type or print in ink all items except the signature underground storage tanks. If more than eight (8) tanks sheets to the form. Make a copy of the completed registra if amending a notification on file, it is sufficient to comp completed.	are owned at ition form and plete and hig	t this location, d file with you hlight only th	records for future re ose areas applicable	eference. . However, page 1 must always be
REGISTRATION FOR UNDERGROUND	STORAGE	TANKS	FACILITY NUMBER	(ifknown) <b>9330</b>
IMPLEMENTING AGENCY: MICHIGAN STATE POLICE — FIRE MARSHAL DI TYPE OF NOTIFICATION: NEW REGISTRATION	· VISION	DEDINIGEB -	S , A	TATE USE ONLY
				DINTO COMPUTER
NO. OF CONTINUATION SHEETS ATTACHED	<u>FER 08</u>	1988 HIGAN		CLERK INITIALS
I. OWNERSHIP OF TÁNKS			THE DIVISIONLOCAT	
IF THIS A NEW OWNER'S ADDRESS, PLEASE CHECK COUNTY OF OCEANA	<b>(</b> ]	IF INF	DRMATION SAME A:	SECTION I, PLEASE CHECK
OWNER NAME (CORPORATIONANDIVIDUAL, ETC.)	<u> </u>	FACILITY NAME	OR SITE IDENTIFIER	
P.O. BOX 14, 100 STATE STREET		AVACET ADDIT	S (P.O, BOX NOT ACCEPTAE	14
MAILING ADDRESS HART MICHIGAN 4	9420	SIKEEI ADUKES	3 (F.O, BOX NO) ALCEPTOL	
HART' MICHIGAN 4	212	201Y		STATE ZIP
		COUNTY	······································	TOWNSHIP
(616)873-4835				
ŤE		TELEPHONE (IN	CLUDING AREA CODE)	
TAX PATERID ON SOCIAL SECOND FINIMBER'		<u> </u>	IV. INDIAN L	ANDS
		TANKS ARE LO	CATED ON LAND WIT	HIN AN INDIAN RESERVATION OR
	-	ON OTHER TRU	IST LANDS.	ERICAN NATION, TRIBE, OR
ロ STATE GOVERNMENT ロ PRIVATE	} - 1	NDIVIDUAL.		
		OF FACILITY	<u></u>	CONTRACTOR
PETROLEUM DISTRIBUTOR	STATE G	OVERNMENT		TRUCKING/TRANSPORT
		L/NON-MILITA L-MILITARY	RY	D UTILITIES RESIDENTIAL
				FARM     OTHER (EXPLAIN)
		RIAL		
VI. CON	TACT PER	SON FOR LC	CATION	
NAME	JOB TITLE		рно	DNE (including area code) 616 ) 873–4835
Paul E. Inglis			Fiscal Off	0101 912-4032
		RESPONSI		
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREME	NTS AS REQL	JIRED IN THE U NTEE		(CHECK ALL ITEMS BELOW THAT APPLY)
COMMERCIAL INSURANCE	SURETY	BOND		TRUST FUND
RISK RETENTION GROUP		OF CREDIT		(PLEASE SPECIFY)
FOR INFORMATION ABOUT MUSTFA ELIGIBILITY, CALL 1-				
· · · · · · · · · · · · · · · · · · ·	VIII. CER	TIFICATION		INFORMATION SUBMITTED IN THIS
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSON AND ALL ATTACHED DOCUMENTS, AND THAT BASED OF THE INFORMATION, I BELIEVE THAT THE SUBMITTED INF				
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATUR	Parl E.	His	DATE 01/31/94
*THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.		AUTHORITY: COMPLIANCE PENALTIES:	Any owner who fails information	knowingly fails to notify or submits n shall be subject to a misdemeanor
THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK R WITH THE STATE FIRE MARSHAL. MAKE CHECK'S RAYABLE TO THE STAT MICHIGAN CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATION ACCOMPANY THE REGISTRATION FORM PART & REFORE SUCH TANKS CA CONSIDERED REGISTERED.	E OF NS MUST		and/or civil pena	ities not to exceed \$5,000 per day for such notification is not given or for mation is submitted.

\*

IX. DESCRIPTION OF	UNDERGRC	UND STOR	AGE TANKS	(COMPLETE F	OR EACH TAN	K AT THIS LOC	ATION)	
TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	*	#	#	#
STATUS OF TANKS (CHECK ONE)     CURRENTLY IN USE     TEMPORANILY OUT OF USE **     AMENDMENT OF INFORMATION **ALSO COMPLETE SECTION X (If tanks are removed closed, complete page 3, section X)	ŭ N			000				
2. DATE OF INSTALLATION								
3. ESTIMATED TOTAL CAPACITY (GAL)	2,000	1,500						
4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY) ASPHALT COATED OR BARE STEEL CATHODICALLY PROTECTED STEEL EPOXY COATED STEEL COMPOSITE (STEEL WITH FIBERGLASS) FIBERGLASS REINFORCED PLASTIC LINED INTERIOR DOUBLE WALLED POLYETHYLENE TANK JACKET CONCRETE EXCAVATION LINER UNKNOWN OTHER, (PLEASE SPECIFY) HAS TANK BEEN REPAIRED?								
5. PIPING MATERIAL (MARK ALL THAT APPLY) BARE STEEL GALVANIZED STEEL FIBERGLASS REINFORCED PLASTIC COPPER CATHODICALLY PROTECTED DOUBLE WALLED SECONDARY CONTAINMENT UNXNOWN OTHER, (PLEASE SPECIFY)								
6. PIPING (TYPE) (MARK ALL THAT APPLY) SUCTION: NO VALVE AT TANK SUCTION: VALVE AT TANK PRESSURE (REMOTE) PRESSURE (REMOTE) HAS PIPING BEEN REPAIRED?								
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME GASOLINE DIESEL GASOHOL KEROSENE FUEL DIL (NOT FOR CONSUMPTIVE USE ON PREMISES) USED DIL OTHER (PLEASE SPECIFY)						00000 0		
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT( CERCLA) NAMI AND/OR								
CHEMICAL ABSTRACT SERVICE (CAS) NUMBER		-	-	-	-	· ]	·	·

		X. 1		(S OUT	r of u	ISE OR	CHA	NGE II	<b>V</b> SER	VICE							
TANK IDENTIFICATION	IUMBER #	¥ 1		# 2		#		#		#		#		#		#	
1. CLOSING OF TANK A. ESTIMATED DATE LA (MO/DAY/YR)		4/10/	/ <u>92</u>	04/1	<u>0/9</u> 2				_					• 			
B. ESTIMATED DATE TA CLOSED IN PLACE (M	NK REMOVED/ O	4/13/	/92	04/1	<u>3/9</u> 2				_						_		
C. TANK WAS REMOVED D. TANK FILLED WITH IT (SAND, CONCRETE, E DESCRIBE TYPE OF FI REASON TANK WAS	IERT MATERIAL TC.)										·   				. 1		_
E. CHANGE IN SERVICE	-									· []		`E	ĵ.	Ē	]	Ē	]
R	EMINDER: A SITE	ASSESS	MENT	T MUST	BE COP	MPLETE	D, UNI	ESS YO	U REP(	DRT A C	ONFIR	MED RE	LEASE	-			
XI. CEI	TIFICATION O	F CON	IPLIA	ANCE (	COMPL	ETE FO	RALL	NEWAN		RADED	TANK	S AT TH	IS LOC	ATION)			
INSTALLATION     A. INSTALLER CERTIFIE PIPING MANUFACTL     INSTALLER CERTIFIE THE STATE FIRE MAI C. INSTALLATION INSP REGISTERED ENGINE D. INSTALLATION INSP APPROVED BY STATE E. ANOTHER METHOD STATE FIRE MARSH/	IRERS. D OR LICENSED BY RSHAL. ECTED BY A ER. ECTED AND E FIRE MARSHAL. ALLOWED BY				]		]				]		] ]		]		ן ן ן
SPECIFY).							PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPI
<ul> <li>A. MANUAL (STATIC) 1</li> <li>B. TANK TIGHTNESS TI</li> <li>C. INVENTORY CONTR</li> <li>D. AUTOMATIC TANK</li> <li>E. VAPOR MONITORIA</li> <li>F. GROUNDWATER M</li> <li>G. INTERSTITIAL MON WALLED TANK/PIPI</li> <li>H. INTERSTITIAL MON SECONDARY CONT</li> <li>I. AUTOMATIC LINE L</li> <li>J. LINE TIGHTNESS TE</li> </ul>	IANK GAUGING ESTING OL GAUGING IG ONITORING ITORING DOUBLE NG ITORING AINMENT EAK DETECTORS STING																
K. OTHER METHOD A IMPLEMENTING AC 3. SPILL AND OVERFILL PRO	SENCY (SPECIFY)						 ר		 ]		 ]			<u></u>	 ]		
A. OVERFILL DEVICE I B. SPILL DEVICE INST			-		]				_		]		]		]		<u>_</u>
4. HAVE YOU INSTALLED IN CATHODIC PROTECTION? A. YES B. NO	IPRESSED CURRENT			-		1 ]			]		ב ב	1			]		ב ב_
	INFORMATION C	ONCER	NING	INSTAL	LATIO	N THAT	'IS PRI	DVIDED	IN SE	CTION >	(15 TI	RUE TO	THE B	EST OF	MY BI	ELIEF AI	ND
NSTALLER	NAME PRINTED	<u> </u>						SIGN	ATURE	· <u> </u>		· · · · · · · · · · · · · · · · ·	. <u></u>		DATE		<u> </u>
									_		PANY						

- O V E R -

## COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:

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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.

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please type or print in jok all items except the signature		seen an and the follow		loted for each location con	taining
FM-23 (7-92) - PARI B Please type or print in ink all items except the signation inderground storage tanks. If more than eight (8) times sheets to the form. Make a copy of the completed registra If amending a notification on file, it is sufficient to com completed.	plete and hig	hlight only the	ose areas applicable.	However, page 1 must alw	vays be
REGISTRATION FOR UNDERGROUND	STORAG	E TANKS	FACILITY NUMBER (i	(fknown) 8336	り
IMPLEMENTING AGENCY:			\$T	ATEUSEONLY	
MICHIGAN STATE POLICE FIRE MARSHAL D	VISION FF	BED INFO PH	DA CIDATE RECEIVE	p	
	······································		10. LINIE EINIENEL		
NO. OF CONTINUATION SHEETS ATTACHED	MIUDI FIRE-HI	Manet vita		LERK INITIALS	
I. OWNERSHIP OF TANKS			II. LOCATIC	ON OF TANKS	
IF THIS A NEW OWNER'S ADDRESS, PLEASE CHEC		08 19 <b>94</b>	DRMATION SAME AS	SECTION I, PLEASE CHECK (	1
COUNTY OF OCEANA SMM	<u>PED</u>	FACILITY NAME	OR SITE IDENTIFIER		
P. O. Box 14. 100 State Street		STREET ADDRES	S (P.O, BOX NOT ACCEPTABL	E)	
Hart, Michigan 49420	ZIP	CITY		STATE Z	P
Oceana COUNTY TOWNSHIP		COUNTY		TOWNSHIP	<b>-</b>
TELEPHONE (INCLUDING AREA CODE)		TELEPHONE (IN	CLUDING AREA CODE)		
(616) 873-4835					
TAX PAYER ID OR SOCIAL SECURITY NUMBER			IV. INDIAN L	ANDS	
		TANKS ARE LO	CATED ON LAND WIT	HIN AN INDIAN RESERVATIO	NOR
FEDERAL GOVERNMENT     COMMERCIAL     STATE GOVERNMENT     PRIVATE		ON OTHER TRU	IST LANDS. VNED BY NATIVE AME	RICAN NATION, TRIBE, OR	
STATE GOVERNMENT PRIVATE SLOCAL GOVERNMENT		INDIVIDUAL.			
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GAS STATION	LOCAL	GOVERNMENT GOVERNMENT	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩		
	LOCAL	GOVERNMENT	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	TRUCKING/TRANSPORT	
PETROLEUM DISTRIBUTOR     AIR TAXI (AIRLINE)     AIRCRAFT OWNER     AUTO DEALERSHIP	LOCAL     STATE     FEDER/     FEDER/     COMM	GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY IERCIAL	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	TRUCKING/TRANSPORT	
PETROLEUM DISTRIBUTOR     AIR TAXI (AIRLINE)     AIRCRAFT OWNER	LOCAL STATE FEDERA	GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY IERCIAL	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	TRUCKING/TRANSPORT UTILITIES RESIDENTIAL FARM	
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PETROLEUM DISTRIBUTOR     AIR TAXI (AIRLINE)     AIRCRAFT OWNER     AUTO DEALERSHIP     RAILROAD     VI. CO		GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY IERCIAL FRIAL RSON FOR LO	RY DCATION I PHO	TRUCKING/TRANSPORT UTILITIES RESIDENTIAL FARM	
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PETROLEUM DISTRIBUTOR         AIR TAXI (AIRLINE)         AIRCRAFT OWNER         AUTO DEALERSHIP         RAILROAD         VI. CO         NAME         Paul Inglis         VII.         IHAVE MET THE FINANCIAL RESPONSIBILITY REQUIREM         SELF INSURANCE		GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY IERCIAL IRIAL RSON FOR LC Officer AL RESPONSI PUIRED IN THE L ANTEE	RY DCATION PHO ( 6 BILITY	TRUCKING/TRANSPORT TRUCKING/TRANSPORT TRUCKING/TRANSPORT RESIDENTIAL FARM OTHER (EXPLAIN)  NE (including area code) OTHER (EXPLAIN)  (CHECK ALL TEMS BELOW THAT MUSTFA FUND TRUST FUND	AT APPLY)
		GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY IERCIAL IRIAL RSON FOR LC Officer AL RESPONSI DUIRED IN THE L	RY DCATION PHO ( 6 BILITY	TRUCKING/TRANSPORT TRUCKING/TRANSPORT TRUCKING/TRANSPORT RESIDENTIAL FARM OTHER (EXPLAIN) OTHER (EXPLAIN) (CHECK ALL HEMS BELOW TH/ MUSTFA FUND TRUST FUND OTHER METHOD ALLC	AT APPLY)
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		GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY IERCIAL IRIAL RSON FOR LC Officer AL RESPONSI PUIRED IN THE L ANTEE Y BOND R OF CREDIT 32 RTIFICATION	RY DCATION PHO ( 6 BILITY JST RULES ]	TRUCKING/TRANSPORT TRUCKING/TRANSPORT TRUCKING/TRANSPORT RESIDENTIAL FARM OTHER (EXPLAIN) OTHER (EXPLAIN) COTHER (EXPLAIN) COTHER ALL HEMS BELOW THAT MUSTFA FUND TRUST FUND COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) COTHER METHOD ALLCO (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPECILY) (PLEASE SPE	AT APPLY)
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		GOVERNMENT GOVERNMENT AL/NON-MILITA AL-MILITARY ERCIAL IRIAL SON FOR LO Officer L RESPONSI UIRED IN THE U ANTEE Y BOND R OF CREDIT 32 RTIFICATION MINED AND AM RY OF THOSE IM IS TRUE, ACCU	RY  CATION  PHO  C 6  BILITY  IST RULES  FAMILIAR WITH THE  FAMILIAR WITH THE	TRUCKING/TRANSPORT TRUCKING/TRANSPORT TILITIES RESIDENTIAL FARM OTHER (EXPLAIN)  NE (including area code) OTHER (EXPLAIN)  (CHECK ALL ITEMS BELOW TH/ MUSTFA FUND TRUST FUND TRUST FUND OTHER METHOD ALLC (PLEASE SPECH Y)  INFORMATION SUBMITTED TELY RESPONSIBLE FOR OBT	AT APPLY) DWED
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IX. DESCRIPTION OF	INDERGRO	UND STOR	AGE TANKS	(COMPLETE F	OR EACH TAN	AT THIS LOC	ATION)	·
and the second second second second second second second second second second second second second second second	# 1	# 2	#	#`	#	#	#	#
1. STATUS OF TANKS (CHECK ONE) CURRENTLY IN USE TEMPORARILY OUT OF USE ** AMENDMENT OF INFORMATION YALSO COMPLETE SECTION X Tanks at a removediclosed, complate page 3, section X)								
2. DATE OF INSTALLATION								
3. ESTIMATED TOTAL CAPACITY (GAL)	2000	1500						
4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY) ASPHALT COATED OR BARE STEEL CATHODICALLY PROTECTED STEEL EPOXY COATED STEEL COMPOSITE (STEEL WITH FIBERGLASS) FIBERGLASS REINFORCED PLASTIC LINED INTERIOR DOUBLE WALLED POLYETHYLENE TANK JACKET CONCRETE EXCAVATION LINER UNKNOWN OTHER, (PLEASE SPECIFY) HAS TANK BEEN REPAIRED?								
5 PIPING MATERIAL (MARK ALL THAT APPLY) BARE STEEL GALVANIZED STEEL FIBERGLASS REINFORCED PLASTIC COPPER CATHODICALLY PROTECTED DOUBLE WALLED SECONDARY CONTAINMENT UNKNOWN OTHER, (PLEASE SPECIFY)								
6. PIPING (TYPE) (MARK ALL THAT APPLY) SUCTION: NO VALVE AT TANK SUCTION. VALVE AT TANK PRESSURE (REMOTE) PRESSURE (GRAVITY FED) HAS PIPING BEEN REPAIRED?								
7. SUBSTANCE CURNENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME GASOLINE DIESEL GASOHOL KEROSENE FUEL OIL (NOT FOR CONSUMPTIVE USE ON PREMISES) USED OIL OTHER (PLEASE SPECIFY)								
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT( CERCLA) NAM AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER								

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TANK IDENTIFICATION NUMBER	# 1	_	# 2	Ť	#		#		#		#		#		#	
1. CLOSING OF TANK A. ESTIMATED DATE LAST USED (MO/DAY/YR)	4/10/	92	4/10	0/92	· · · · · · · · · · · · · · · · · · ·											
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (MO/DAY/YR)	4/13	<u>/92</u>	4/13	<u>3/9</u> 2												
C. TANK WAS REMOVED FROM GROUND D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.) DESCRIBE TYPE OF FILL USED AND														· • •		   
E. CHANGE IN SERVICE		_													Ē	]
REMINDER: A SI	E ASSES	SMEN	TMUST	BE COI		D, UNI	ESS YO		ORT A C	ONFIRI	MED REI	LEASE.				
XI. CERTIFICATION	OF CON	/PLI	ANCE (		ETE FO	RALL	NEW AN	D UPG	RADED	TANK	S AT THI	IS LOC	ATION)			
INSTALLATION     A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS.     INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL     C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER		Ì		1								]		]		] ]
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY).	C	]		]		]		] 		] 		]		] 		ן  ד
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PI
<ul> <li>A. MANUAL (STATIC) TANK GAUGING</li> <li>B. TANK TIGHTNESS TESTING</li> <li>C. INVENTORY CONTROL</li> <li>D. AUTOMATIC TANK GAUGING</li> <li>E. VAPOR MONITORING</li> <li>F. GROUNDWATER MONITORING</li> <li>G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING</li> <li>H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT</li> <li>I. AUTOMATIC LINE LEAK DETECTORS</li> <li>J. LINE TIGHTNESS TESTING</li> </ul>																
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY) 3. SPILL AND OVERFILL PROTECTION			   	]						]	[		<u>↓</u>	]		
A. OVERFILL DEVICE INSTALLED B. SPILL DEVICE INSTALLED	1			<u> </u>	]	]		]	<u>  (</u>	]			 	<u></u>	<u>   </u>	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION? A. YES B. ND		] ·			1										- I - '	
PLEDGE: I CERTIFY THE INFORMATIC KNOWLEDGE. INSTALLER		RNIN	G INSTA	LLATIC	ON THA	T 15 PJ		NATUR	,	XI 15 T	RUE TO	) THE I	BEST OF	DATE		.NE
POSITIO															 `	

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COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAF	F:	•
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	LLS APR 21	1993 LLS MAY	1 9 1993	
FM-30 (5-92) MICHIGAN DEPARTMENT OF STA UI	ATE POLICE			WED
(PLEASE TYPE OR PRINT)	NDERGROUND STORAGE TANK SEE REVERSE SIDE F	ON MIS INCCHORS		
Fire Marshal Division	Hazardous Materials Section P.O. Box 30157 Lansıng, Michigan 48909	Facility Number 0–008330		APR 14 93
I. OWNERSHIP OF TANKS COUNTY OF OCEAN	Owner Name (corporation/individ	fual, etc.)	MICHIGAN S	L DIVISION - HD
Mailing Address	7	City	State	Zip Code
P. O. Box 14, 100 State	e Street	Hart	MI	49420
, , , , , , , , , , , , , , , , , , , ,	Township	Telephone (including area code)	ku	n 0/3/92
Oceana L Contact Person for Location		( 616 ) 873-4835		
Paul Inglis	•		KJZ /	VPR 2 1 1993
II. LOCATION OF TANKS	PLEASE CHECK, IF SAME AS SECTI	ON I Facility Name		
Street Address (P.O. Box not acce	eptable)	City	State	Zip Code
County	Township	Telephone (including area code) ( )		
TANK INFORMATION: Substa Gas	nce Stored in Tank(s) oline/Diesel	Tank Number(s) 1 & 2	Test Methodo Attached	logy Used
Test Methodology Level of Detec Attached	ction			
Holding Time of Sample(s)		Date Sample(s) Taken 4/15/92	Was Water Fo Excavation?	
The site asses	ssment report must be received by Sta	te Fire Marshal within 45 days of sam	ple being taker	·.
Information Submitted By Paul E. Inglis		Company County of Oceana		
Signature Care E.	2 Ac	Date 04/17/93		cluding area code) $73 - 4835$
YOU MUST ATTACH TEST SAME WHICH IDENTIFIES THE DEPTHS A	PLE RESULTS AND PROVIDE A SITE SK AND LOCATIONS OF THE SAMPLES TA	KETCH WHICH INDICATES THE LOCAT. KEN. MAIL TO FIRE MARSHAL DIVISIO		
	DO NOT WRITE	BELOW THIS LINE		
	+	NT REVIEW REPORT		
•	been reviewed by Fire Marshal Division evel of detection of the methodology			lid Please perform
Test methodology or l another site assessmen	it, and forward a copy of the results to	this office within 45 days.		ia. These perform
🕺 The contaminant conce	entrations are below the threshold det	ection levels and there is no evidence of	of a confirmed	release.
there was evidence of Underground Storage (MUSTR), a confirmed Resources, to ensure pr	d removed from the site or contamina a confirmed release. The confirmed r Tank Rules (MUSTR), prior to excavati release report is being generated A oper cleanup and testing were utilized	elease was not reported to this office on of contaminated soil. To complete A confirmed release report is being so d.	within 24 hou e your reportin ent to the Dep	rs, per the Michigan g requirements, per artment of Natural
determine if a Type A, Response Act to deter Department of Natura		ease refer to Part 6 and Part 7 Rules ( oup requirements. A confirmed rele	under the Mich ease report is	igan Environmental being sent to the
The number of samplin perform another site as	ng points analyzed are considered ina ssessment and forward a copy of the re	dequate to make a determination on esults within 45 days.	the cleanlines	s of the site. Please
Signature of Reviewer $\mathcal{A}$ .	R. Zajac		Date of Revie	11/93
	01	Facility Number		

AUTHORITY:1984 PA 423, as amendedCOMPLIANCE:RequiredPENALTIES:Any owner/operator who fails to notify is<br/>subject to a misdemeanor and civil penalties<br/>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

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## 下的时间的问题。

สีมะ ออกสอกรรม มาวรมีเขาอกมาและกฎระกา และร่วม แล้วขาว สอมสรรม อย่าง โดกกระเจิม และ และ และ และการเป็น กำระหาร เป็นของสรรมสูงของและการ มีเตอร์น เป็นโรกการกละสมบัน โรกเอสมาณ และ ครั้ง และการกละ การการกฎกระการ

## STRUCTORY TO PROCEEDINGS

ป้าสาขาของเวราของปราวารรรรสภายากสุดโรดเร็กสาขามสามารถได้ของหลังระวางรูสาขาวรรณาไปขึ้น และ วิวิทรศจาตรณาสา อโรงอย่างสุดประกฎบูลระจะสายสาขางสุดโรดเร็กสายบรณากลากระไปด้านสูงกระวาไร แรกรครสาขางการ ระวิจังที่ เจราะรู วิปิดประ

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ະຊີດກາງ 200 ແລະ 200 ເຫັນການການ 220ສະໜິບລາຍ ໄດ້ວ່າ ອາດໃສ່ຫາດປະໂຫຍາລາດປະໂຫຍາມການ ທີ່ 100 ເອກີ 100 ສາຊະນະລະແບບ ແຕ່ສະໜາດວ່

ากกรี่ยมของขับ หน้าของสัญษาที่ 2010 (2004) เห็ญการแม่เสีย ก็การหมาย มีครั้งการที่ 100 ตุกร้างการกรี่ 100 ตุกรา การ 160 ประวัตราช มีเป็ญ ประเทศไม่มี1006697 (ค.ศ. 1200 ติดประวัตราช 1266) มีการ 100 กระวัตราร์ ก็จะบบ มีความ 100 จะประวัตรายประวัต

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RECEIVED Terry L. Shaw Oceana County Prosecuting Attorney

OCEANA COUNTY COURTHOUSE, P.O. Box 169, HART, MICHIGANU49420 MICHIGAN STATE DIVISION - HU

(616) 873-4608

April 9, 1993

Michigan State Police Fire Marshall Division Hazardous Materials Section P. O. Box 30157 Lansing, Michigan 48909

**RE:** Underground Storate 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,

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Terry L/Shaw Prosecuting Attorney

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cc: Paul Inglis



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

SAMPLE ID:7303 01DATE TAKEN:4/15/92DATE RECEIVED:4/16/92ANALYSIS DATE:4/21/92SAMPLE TYPE:SoilCLIENT SAMPLE I.D.:County of Oceana - Hart, MI (South End of Gasoline)

EPA 5030/8020

Benzene Toluene Ethyl Benzene Xylenes

OTHER PARAMETER

Total Lead

RESULTS (ug/kg)

BAMDL	(<10)
BAMDL	(<10)
BAMDL	(<10)
BAMDL	(<30)

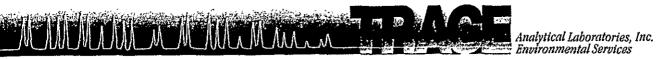
RESULTS (mg/kg)

2.3

BAMDL = Below Acceptable Method Detection Limits

Tim Holt Laboratory Supervisor

-ANALYTICAL RESULTS DATE: 4/29/92



2241 Black Creek Road • Muskeyon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

ANALYTICAL RESULTS Great Northern Contractors DATE: 4/29/92 ATTN: Ron, Janet or Jim 950 Sternberg Muskegon, MI 49441 DATE TAKEN: 4/15/92 SAMPLE ID: 7303 02 ANALYSIS DATE: 4/21/92 DATE RECEIVED: 4/16/92 SAMPLE TYPE: Soil CLIENT SAMPLE I.D.: County of Oceana - Hart, MI (North End of Gasoline) RESULTS = RESULTS (ug/kg) EPA 5030/8020 BAMDL (<10) Benzene BAMDL (<10) Toluene BAMDL (<10) Ethyl Benzene BAMDL (<30)Xylenes RESULTS (mg/kg) OTHER PARAMETER 3.7 Total Lead

BAMDL = Below Acceptable Method Detection Limits

Tim Holt Laboratory Supervisor



2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

ANALYTICAL RESULTS Great Northern Contractors DATE: 4/29/92 Ron, Janet or Jim ATTN: 950 Sternberg Muskegon, MI 49441 13. 4 6 . . . -SAMPLE ID: 7303 03 DATE TAKEN: 4/15/92 DATE RECEIVED: 4/16/92 SAMPLE TYPE: Soil CLIENT I.D.: County of Oceana - Hart, MI (South End of Diesel) \_\_\_\_\_ RESULTS RESULTS (mg/kg) EPA 3540/8100/8310/8270 Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92) BDL (<0.33) 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 RESULTS EPA 5030/8020 (ug/kg) (analyzed 4/21/92) BAMDL (<10)Benzene BAMDL (<10)Toluene BAMDL (<10) Ethyl Benzene BAMDL (<30)Xylenes BDL = Below Detection Limits BAMDL = Below Acceptable Method Detection Limits

Tim Holt Laboratory Supervisor



2241 Black Creek Road • Muskegon, MI 49444-2673 • Phone 616-773-5998 • Fax 616-773-6537

ANALYTICAL RESULTS Great Northern Contractors DATE: 4/29/92 ATTN: Ron, Janet or Jim 950 Sternberg Muskeqon, MI 49441 • • • • • SAMPLE ID: 7303 04 4/15/92 DATE TAKEN: DATE RECEIVED: 4/16/92 SAMPLE TYPE: Soil County of Oceana - Hart, MI (North End of Diesel) CLIENT I.D.: \_\_\_\_\_\_\_ RESULTS RESULTS (mg/kg) EPA 3540/8100/8310/8270 Polynuclear Aromatic Hydrocarbons (analyzed 4/28/92)BDL (<0.33) 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 Indeno(1,2,3-cd)Pyrene BDL (<0.33) BDL (<0.33) Dibenzo(a,h)Anthracene BDL (<0.33) Benzo(g,h,i)Perylene Benzo(k)Fluoranthene BDL (<0.33) BDL (<0.33) Benzo(b) Fluoranthene RESULTS EPA 5030/8020 (ug/kg) (analyzed 4/21/92) BAMDL (<10) Benzene BAMDL (<10) Toluene BAMDL (<10) Ethyl Benzene BAMDL (<30) Xylenes BDL = Below Detection Limits BAMDL = Below Acceptable Method Detection Limits

> Tim Holt Laboratory Supervisor

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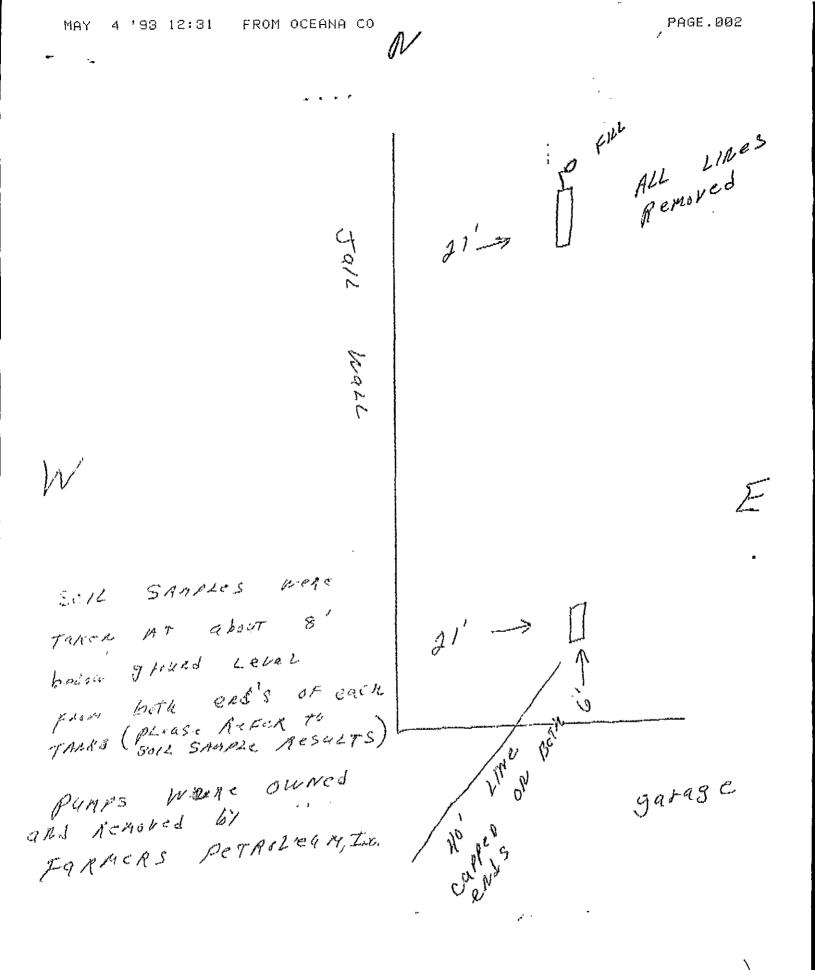
Paul E. Inglis Administrator/Fiscal Officer P.O. Box 14 1 Hart, Michigan 49420

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:	Skatch_af_underground_storage_tanks
MEMO:	
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FM-23 (7-92) - PART B						
Please type or print in ink all items except the signatures underground storage tanks. If more than eight (8) tanks a sheets to the form. Make a copy of the completed registrati if amending a notification on file, it is sufficient to compl completed. <b>REGISTRATION FOR UNDERGROUND S</b>	ion form an lete and hig TORAGI	d file with your t inlight only the ETANKS	form must be lease photocop ecords for futu de areas applic FACILITY NUM APP. 11: 93	ire refere able. Ho	nce. wever, page 1 must	always be
IMPLEMENTING AGENCY: MICHIGAN STATE POLICE FIRE MARSHAL DIV TYPE OF NOTIFICATION: NEW REGISTRATION			Why the ac-	STAT	EUSEONLY	
MICHIGAN STATE POLICE FIRE MARSHAL DIV		0	A. DATERE	Ceived		
TYPE OF NOTIFICATION: NEW REGISTRATION		DED INFOAN ST			to compter <u>5.15</u>	36
2NO. OF TANKS AT FACILITY		ana manani k			RINITIALS	
NO. OF CONTINUATION SHEETS ATTACHED	<u></u>	ß	II. LO	CATION (	OF TANKS	
IF THIS A NEW OWNER'S ADDRESS, PLEASE CHECK	<u> </u>	IF INFO	RMATION SAN	IE AS SEC	TION I, PLEASE CHEC	K 🗆 👘
COUNTY OF OCEANA	_	·				
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)		FACILITY NAME O	R SITE IDENTIFIER		1	
P. O. Box 14, 100 State Street		STREET ADDRESS	(P.O, BOX NOT ACC	EPTABLE)		
Hart, Michigan 49420						ZIP
City State	ZIP				STATE	11 <b>7</b>
Oceana COUNTY TOWNSHIP		COUNTY	- <u></u>	<u></u>	TOWNSHIP	
TELEPHONE (INCLUDING AREA CODE)		TELEPHONE (INCL	UDING AREA CODE	J		
(616) 873-4835	<u> </u>					
			IV. INDIA	AN LAN	DS	
				> WITHIN	AN INDIAN RESERVAT	ION OR
FEDERAL GOVERNMENT  FEDERAL GOVERNMENT  PRIVATE  PRIVATE		ON OTHER TRUS		EAMERIC	AN NATION, TRIBE, OF	2
STATE GOVERNMENT	[ _	INDIVIDUAL.				
	TRIBE OR					
		DF FACILITY			CONTRACTOR	
		GOVERNMENT SOVERNMENT			TRUCKING/TRANSPO	ORT
🔲 AIR TAXI (AIRLINE) 🛛 🛛 🛛 🛛	FEDERA	L/NON-MILITAR	Y		UTILITIES RESIDENTIAL	
	] FEDERA ] COMMI	ll-Military Ercial			FARM	
	<b>_</b>				OTHER (EXPLAIN)	
		SON FOR LOC	ATION	DHONE	including area code)	
NAME Paul Inglis	JOB TITLE Fiscal	Officer		( 616	) 873-4835	
		L RESPONSIBI	LITY			
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMEN					(CHECK ALL ITEMS BELOW T	(HAT APPLY)
SELF INSURANCE	_ GUAKA	NIEE	—		MUSTFA FUND TRUST FUND	
	J SURETY	OF CREDIT			OTHER METHOD AL	LOWED
					(PLEASE SPECIFY)	
FOR INFORMATION ABOUT MUSTFA ELIGIBILITY, CALL 1-8	وبالتكافي الجوي					
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSON	ALLYEVANA	TIFICATION	AMILIARWITH	THE INFO	RMATION SUBMITTE	D IN THIS
I CERTIFY UNDER PENALTY OF LAW THAT THAVE PERSON AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFO					RESPONSIBLE FOR O	
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE	SIGNATUR	EVal	27	£:	04/07	DATE <u>7 / 93 _</u>
*THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.	SISTERED	AUTHORITY: COMPLIANCE: PENALTIES:	tales inform	who know	vingly fails to notify or 11 be subject to a misd	emeanor
THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REG WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE MICHIGAN CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS ACCOMPANY THE REGISTRATION FORM PART B BEFORE SUCH TANKS CAN CONSIDERED REGISTERED.	CMUST		each tank fé	hr which r	not to exceed \$5,000 potification is not give on is submitted.	n or for

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IX. DESCRIPTION OF				1	#	#	#	#
TANK IDENTIFICATION NUMBER	# 1	# 2	#	#	Ŧ	π	Tr	
1. STATUS OF TANKS (CHECK ONE) CURRENTLY IN USE TEMPORARILY OUT OF USE ** AMENDMENT OF INFORMATION ALSO COMPLETE SECTION X Tanks are removed/closed, complete page 3, section, X)								
							·	
2. DATE OF INSTALLATION 3. ESTIMATED TOTAL CAPACITY (GAL)	2000	1500						
MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY) ASPHALT COATED OR BARE STEEL CATHODICALLY PROTECTED STEEL EPOXY COATED STEEL COMPOSITE (STEEL WITH FIBERGLASS) FIBERGLASS REINFORCED PLASTIC LINED INTERIOR DUDALE WALLED POLYETHYLENE TANK JACKET CONCRETE EXCAVATION LINER UNKNOWN OTHER, (PLEASE SPECIFY) HAS TANK BEEN REPAIRED?								
5. PIPING MATERIAL (MARK ALL THAT APPLY) BARE STEEL GALVANIZED STEEL FIBERGLASS REINFORCED PLASTIC COPPER CATHODICALLY PROTECTED DOUBLE WALLED SECONDARY CONTAINMENT UNKNOWN OTHER, (PLEASE SPECIFY)		. 0000000						
6. PIPING (TYPE) (MARK ALL THAT APPLY) SUCTION: NO VALVE AT TANK SUCTION. VALVE AT TANK PRESSURE (REMOTE) PRESSURE (GRAVITY FED) HAS PIPING BEEN REPAIRED?								
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME GASOLINE DIESEL GASOHOL KEROSENE FUEL OL (NOT FOR CONSUMPTIVE USE ON PREMISES) USED OIL OTHER (PLEASE SPECIFY)								
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT( CERCLA) NAI AND/OR								
CHEMICAL ABSTRACT SERVICE (CAS) NUMBER		=		_	_ 1	_	_	-

	<b>X</b> . 1	TANK	(S OU1	I OF U	SE OR	CHA	NGEIN	I SER	VICE							
TANK IDENTIFICATION NUMBER	# 1		# 2		#		#		#		#		#		#	
1. CLOSING OF TANK		10.0	4.11.1													
A. ESTIMATED DATE LAST USED (MO/DAY/YR)	4/10/	<u>/92</u>	4/1	<u>1/9</u> 2		=+		=		=		=		=		
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (MO/DAY/YR)	4/13	<u>/92</u>	4/1	<u>3/9</u> 2	·		<u> </u>					_				
C. TANK WAS REMOVED FROM GROUND	$\boxtimes$		X			[		- [								 
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC ) DESCRIBE TYPE OF FILL USED AND																
REASON TANK WAS NOT REMOVED.						_		_						-		 1
E. CHANGE IN SERVICE			<u>[</u> _]			1		1						<u> </u>		
REMINDER: A SIT																_
XI. CERTIFICATION	OF COI	MPLI/	ANCE (		ETE FO		NEW AN	D UPG	RADED	TANK	SAT TH	IS LOC	ATION)			
1. INSTALLATION A. INSTALLER CERTIFIED BY TANK AND		]	E					)		1		]		ן נ	[	]
PIPING MANUFACTURERS. B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL		]								}		]		ן נ		1
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER		]		1						}		]		ן נ		ן
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.		]		]	C	]		l		3		]		]	Ľ	]
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	PIP
<ul> <li>A. MANUAL (STATIC) TANK GAUGING</li> <li>B. TANK TIGHTNESS TESTING</li> <li>C. INVENTORY CONTROL</li> <li>D. AUTOMATIC TANK GAUGING</li> <li>E. VAPOR MONITORING</li> <li>F. GROUNDWATER MONITORING</li> <li>G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING</li> <li>H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT</li> <li>I. AUTOMATIC LINE LEAK DETECTORS</li> <li>J. LINE TIGHTNESS TESTING</li> <li>K. OTHER METHOD ALLOWED BY</li> </ul>																
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY) 3. SPILL AND OVERFILL PROTECTION		 ]	 			 7		 ]		 ]		]		 ]		]
A. OVERFILL DEVICE INSTALLED B. SPILL DEVICE INSTALLED				_ _			E	]		]		]		]		]
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?		]		]		]		]		]		]		]	ε	⊒
A. YES					1 ]	- -		- -	[	ב	1	]	[	]	C	
B. NO PLEDGE: I CERTIFY THE INFORMATION KNOWLEDGE.								IN SE	CTION >	<u>(1 15 Ti</u>	RUE TO	THE E	BEST OF	MY B		ND
NAME PRIN	ED						3101									

# COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:

### STATE OF MICHIGAN

HM 026-92

4/92

FIRE MARSHAL DIVISION GENERAL OFFICE RHILDING 7150 HARRIS DRIVE

JOHN ENGLER, GOVERNOR DEPARTMENT OF STATE POLICE COL. MICHAEL D. ROBINSON, DIRECTOR

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:

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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 David Tot

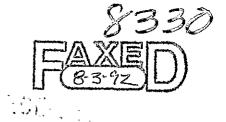
D/Lt. David T. Smith, Commander Enforcement Unit

DTS:pw



A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.





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FIRE MARSHAL DIVISION-HQ

August 3, 1992

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Department of State Police Fire Marshal Division 3705 West Jolly Road P.O. Box 30157 Lansing, MI 48909

To Whom & 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.

Facility Address

100 State Street P.O. Box 14 Hart, Michigan 49420 1,000-gallon Steel 500-gallon Steel

Size

Diesel

Contents

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.

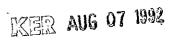
Sincerely,

ASI Environmental Technologies eistophen al

Christopher A. Rohrer Project Manager\Regulatory Specialist

CAR/mlp

pc: Mr. Thomas Sturrus Mr. Duane M. Hattem, ASI



Michigan State Police Fire Marshal Division Hazardous Materials Section 3705 W. JoTly Rd. P.O. Box 30157 Lansing, MI 48909 (800) 642-4878		********** * INVOICE * *****
	June 28, 1990	Page 1 of 1
Fee for Underground Storage Tank regis	trations received on or	before 3-31-90.
COUNTY OF OCEANA P.O. BOX 14, 100 STATE ST HART, MI 49420 RE: COUNTY OF OCEANA	PLEASE RETURN TO: Michigan State Police Fire Marshal Division Harzardous Materials Se 3705 W. Jolly Rd. P.O. Box 30157 Lansing, MI 48909	ction
If there are no changes that need to b lpayment and return of this invoice wil 19-30-90) annual renewal of your USTs, lamended. Payment due July 30, 1990. Fo linformation.	be made on the registrat LL suffice as your FY 19 as required under P.A.	90 (10-1-89 to   423 of 1984, as
Facility # Tank # Description		Cost
	L – Gasoline L – Diesel	\$100_00 \$100_00
	MICHIGANIE MAT	
Number of Eligible Tanks: 2 Total Number of Tanks: 2	Registratio Late Fee: Amount Rece Amount Due:	ived:
	to: State of Michigan Before: JULY 30, 1990	01c Thijy190
Count House	2 + BROUNDS Other Contractor / Services	

1997年1日 1997年1日 1999年1日日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年1日 1999年11 1999年11 1999年11 1999年11 1999年11 1999年11 1999年11 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1999 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 1997 10 10 10 10 10 10 10 10 10 10 10 10 10		<ul> <li>-an State folic.</li> <li>.ranul pivision</li> <li>aterials Jection</li> <li>a Sox 30137</li> <li>four State</li> <li>562-4375</li> </ul>	( 47)) Lucitis() C S( L L 20
8 76 ° 5869	1963 V.S. COL	ι	
"(P-SE-8 encied n	stions received on o	Store, - Tank rajistr	tree for underground
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	-	ake Cneeks "ayante to Payment Due on or lef	)4

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DATE	, IT-EM S	AMOUNT
7/13/90	Courthouse & Grounds 821 - Other Contr. Serv.	\$200.00
35628	Fee for Underground Storage Tank Registrations received on or before 3-31-90	
	Approved by the Board of Commissioners 7/12/90	

DETACH BEFORE PRESENTING FOR PAYMENT

DOUBLEDAY BROS. & CO., KALAMAZDO, MICH.

			الارتفاق والمتحافظ فننجد والمتحافظ والمتحافظ والمتحافظ والمتحافظ والمتحافظ والمتحافظ والمتحافظ والمتحا			and a second second second second second second second second second second second second second second second
Notifi	cation for L	Jndergrou	nd Storage			FORM APPROVED OMB NO. 2050-0049 APPROVAL EXPIRES 6-30-83
FOR TANKS	RETURN COMPLETED FORM		Quality Division Natural Resources	4.PR 04 1300	J.D. Number	STATE USE ONLY
M	то	Box 30157 Lansing, MI 489	09	Car 00.477. 10	Date Received	
			CENEDAL	NFORMATION	š.	
used to store May 8, 1986, is required by as amended. The prima ground tank expected than records, or, i Who Muse exempted, or designated S (a) in the brought into used for the s (b) in the but no longer the discontin VMiat Tam combination stances," and more beneat used oil, or d What Tam	e regulated substances si , or that are brought into y Section 9002 of the Res ary purpose of this notifiks that store or have st at the information you in the absence of such res st Notify? Section 9002 whers of underground t State or local agencies of case of an underground to use after that date, any storage, use, or dispensin case of any undergroun rin use on that date, any substorage, use, or dispensin raise on that date, any nuation of its use. hks Are Included? Unde d of tanks that (1) is used d (2) whose volume (incl the the ground. Some exard diese! fuel, and 2, indust) thes Are Excluded? Tank Other tanks excluded fr	ince January 1, 1974, th use after May 8, 1986. T iource Conservation and ication program is to lo ored petroleum or haz provide will be based cords, your knowledge, 2 of RCRA, as amend anks that store regulate of the existence of their d storage tank in use of person who owns an u ng of regulated substant d storage tank in use b person who owned such erground storage tank d to contain an accumu luding connected under miles are underground i rial solvents, pesticides, ks removed from the g	ed, requires that, unless d substances must notify r tanks. Owner means— m November 8, 1984, or nderground storage tank res, and efore November 8, 1984, tank immediately before is defined as any one or relation of "regulated sub- ground piping) is 10% or tanks storing; 1, gasoline, herbicides or fumigants, round are not subject to	Pipeline Safety Act of J which is an intrastate pi 5. surface impoundmen 6. storm water or waste 7. flow-through process 8. liquid traps or associa gathering operations; 9. storage tanks situa mineworking, drift, sha surface of the floor. What Substances Ar ground storage tanks th defined as hazardous Response, Compensati- those substances regula includes petroleum, e.g conditions of temperati- square inch absolute). Where To Notify? 1.4 taken out of operation	1968, or the Hazar ipeline facility regr its, pits, ponds, or water collection s stanks; ated gathering line: ted in an underg fit, or tunnel) if the re Covered? The hat contain regula in section fol (for on and Liability A ated as hazardous, crude oil or any ure and pressure ( Completed notific bage. Owners of undergy after January 1, J s who bring under	ysiems; sdirectly related to oil or gas production and ground area (such as a basement, cellar, e storage tank is situated upon or above the notification requirements apply to under- ted substances. This includes any substance 4) of the Comprehensive Environmental ct of 1980 (CERCLA), with the exception of waste under Subtitle C of RCRA. It also fraction thereof which is liquid at standard 60 degrees Fahrenheit and 14.7 pounds per ation forms should be sent to the address round storage tanks in use or that have been 974, but still in the ground, must notify by ground storage tanks into use after May 8,
for noncomm 2. tanks used	mercial purposes; I for storing heating oil fo		sed for storing motor fuel ne premises where stored;	Penalties: Any owns	er who knowingly ivil nensity not to	fails to notify or submits false information o exceed \$10,000 for each tank for which information is submitted.
3. septic tank	KS;		INSTR	JCTIONS		
each locati	ion containing under the reverse side, and	reround storage tan	ks. If more than 5 tanks	orm must by completed i are owned at this locatio	on,	Indicate number of continuation sheets attached
Owner Nam						
	ne (Corporation, Individ	dual, Public Agency, o	r Other Entity)	(if sa	me as Section	(mark box here X)
Street Addre	County of Oc	eana				1, mark box here 🗵 ) ntifier, as applicable
Street Addre	County of Oc <sup>ess</sup> P.O. Box 14,				ompany Site Ide	ntifier, as applicable
	County of Oc	eana		Facility Name or Co	ompany Site Ide	ntifier, as applicable
County	County of Oc <sup>ess</sup> P.O. Box 14, Oceana	eana 100 State Stre State MI	et	Facility Name or Co Street Address or S	ompany Site Ide	ntifier, as applicable
County City Area Code (616)	County of Oc ess P.O. Box 14, Oceana Hart Phone Number 873–4835 mer (Mark all that ap ot State of Federa	eana 100 State Stre State MI	et	Facility Name or Co Street Address or S County	tate Road, as ap	ntifier, as applicable oplicable State ZIP Code
County City Area Code (616) Type of Own	County of Oc ess P.O. Box 14, Oceana Hart Phone Number 873–4835 mer (Mark all that ap ot State of Federa	eana 100 State Stre State MI r p <b>iy [X] )</b> or Local Gov't al Gov't	ZIP Code 49420	Facility Name or Co Street Address or S County () () () City (nearest) Indicate number of tanks at this	tate Road, as ap	ntifier, as applicable pplicable State ZIP Code fark box here if tank(s) re located on land within n Indian reservation or
County City Area Code (616) Type of Own Curren Former	County of Oc ess P.O. Box 14, Oceana Hart Phone Number 873–4835 mer (Mark all that ap ot State of er Federa (GSA ame as Section 1, mar	eana 100 State Stre State MI r ply 🖾 ) or Local Gov't facility I.D. no.	Eet ZIP Code 49420 Private or Corporate Ownership uncertain ) HI. CONTACT PERSO Job Title	Facility Name or Co Street Address or S County () () () City (nearest) Indicate number of tanks at this location	tate Road, as ap	ntifier, as applicable pplicable State ZIP Code fark box here if tank(s) re located on land within n Indian reservation or
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Owner Name (from Section I)	<u>County of Oceana</u>	Location (from Section II)
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_ Page No. <u>1</u> of <u>1</u> Page	s -

VI. DESCRIPTION OF UNDERGROU	ND STORAGE TAN	KS (Complete for	each lank al lhis lo	callon.)	
Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3)	Tank No.	Tank No. 2	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply 図)       Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86					
2. Estimated Age (Years) 3. Estimated Total Capacity (Gallons)	$\frac{19}{2,000}$	$\frac{19}{1,500}$			
4. Material of Construction Steel (Mark one 図) Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify					
5. Internal Protection (Mark all that apply 函) Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify					
6. External Protection (Mark all that apply 図) Fiberglass Reinforced Plastic Coated None Unknown					
Other, Please Specify 7. Piping (Mark all that apply 2) Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify					
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply 🖾) 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 🛛 if tank stores a mixture of substances d. Unknown					
<ul> <li>9. Additional Information (for tanks permanently taken out of service) <ul> <li>a. Estimated date last used (mo/yr)</li> <li>b. Estimated quantity of substance remaining (gal.)</li> <li>c. Mark box ⊠ if tank was filled with inert material (e.g., sand, concrete)</li> </ul> </li> </ul>	/	/	/		

Michigan State Folice Fire Marshal Division Hazardous Materials Section 3705 W. Jolly Rd. F.O. Box 30157 Lansing, MI 48909 (517) 334-7079

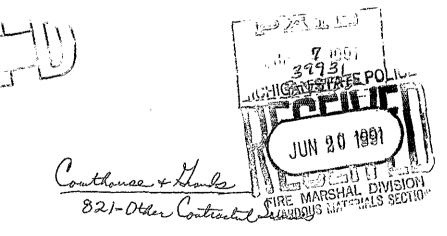
\*\*\*\*\*\*\*\*\*\*\*\* \* INVOICE \* \*\*\*\*\*\*\*

## May 9, 1991

Page 1 of 1

## ANNUAL UST REGISTRATION FEE FOR BILLING CYCLE ENDING 11-30-91

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{TO:		(LOCATION ADDRESS:	1
COUNTY OF O	CEANA	COUNTY OF OCEANA	1
"P.O. BOX 14	, 100 STATE S	ST (P.O. BOX 14, 100 STATE ST	1
HART, MI 4	9420	; HART, MI 49420	1
RE: COUNTY			1
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Annual rene	wal of tanks	on record as of 4/17/91. Required by P.A. 423 c	rf 1984,¦
		pay may subject you to the following penalty:	2
'inisdemeanor	, punishable	by imprisonment and/or fines; civil penalties;	and may!
		e for access to MUSTFA funds. Please see enclose	
letter for	an explanatio	m. FM-20 (4/91)	li i
		و بها به به به به به به به به به به به به به	
Facility #	Tank #	Description	Cost
0008330	1	2,000 Gal - Gasoline	\$100.00
0008330	2	1,500 Gal - Diesel	\$100.00



Number of Eligible Tanks: 2 Total Number of Tanks: 2

1

Registration Fee: \$ 200.00 Late Fee: Amount Received: Amount Due: \$ 200.00 \$ 200.00 \$ 200.00 \$ 200.00 \$ 200.00 \$ 200.00

Make Checks Payable to: State of Michigan Payment Due on or Before: JUNE 15, 1991

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in to managements and y Patha 423 UF 19 <sup>42</sup> 9 y Potho 19 <sup>4</sup> yen bris asert thoug	<pre>(4/)27%1. Required t yes to the foll wing ) and/or fines: (1)43</pre>	L) C C C C C C C C C C C C C C C C C C C	第12   第12   第12   第14 〇、 205 14g 100 STA]   第1657 月 和1 39320   第4 年 61904TY 9F 96EANA   新正 366、1004TY 9F 96 96 5544   新正 366、1004 75 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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í	os State of Archigan Hores AUNE 15, 1991		

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THE	THE ATTACHED WARRANT IS TENDERED YOU HEREWITH IN FULL SETTLEMENT OF YOUR ACCOUNT AS DETAILED BELOW:	NLED BELOW:
DATE	S W L I	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.	
		·

'n

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DETACH BEFORE PRESENTING FOR PAYMENT

DOUGLEDAY BROS, & CO , KALAMAZOO, MICH,



HM 025-92

FIRE MARSHAL DIVISION GENERAL OFFICE BUILDING 7150 BARRIS DRIVE LANSING, MICHIGAN 48913

JOHN ENGLER, GOVERNOR DEPARTMENT OF STATE POLICE COL. MICHAEL D. ROBINSON, DIRECTOR

PHONE: 517 322-1924

COUNTY OF OCEANA P.O. BOX 14, 100 STATE ST HART, MI 49420

Facility #:0~008330\*921

A.F \*

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

tavid I Im

D/Lt. David T. Smith, Commander Enforcement Unit

DIS:pw 1/92

\_ A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.

8330

P.02

Great Northern Contractors Inc.

750 TE INSERG ROAD - MUSKEGON, MICHIGAN 49441 (616) 798 4351

REMOVAL NOTICE

Underground Storage Tank

FACILITY NO. C-008330 BUR STOP STA . 1 Hor t - ) . manu 48909 (A, b). DENNE MILL LET EASTAGE and a Agaz: C. Asty of Cecilia Piller 12 106 State St syssians Rips dans 10. dangen 49920 Contain Forsant Found to Trights shune Humber: (6/6) 8/3-4835 1 - THITTON OF TAMES. Hellons: 2600 Products 200 State and the second No. 2 Gallons: 43712 Productor Stress Gallons:\_\_\_\_\_\_Prob\_1. No. Gallons Product . NO. \_\_\_\_\_ Gallons: Predict. No. \_\_\_\_\_ Gallons:\_\_\_\_\_ Product:

Guad Jouthing Config Loss Inc.

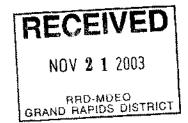
R. F Blanshine, president

No.

 $(\mathbf{x})$ 11 632

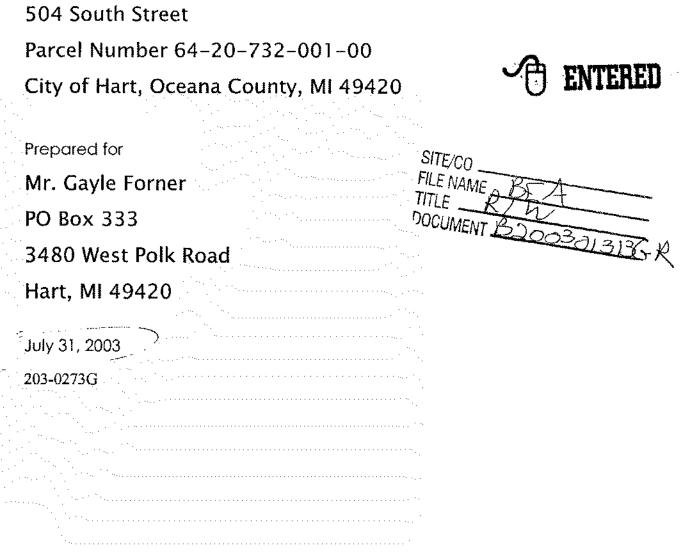
OTAL P.0 PAGE.0⊍ TOTAL

9 '92 14:45 MAR



# **Baseline Environmental Assessment**

Conducted Pursuant to Section 20126(1)(c) of 1994 PA 451, Part 201 as Amended



Prein&Newhof

<form></form>		*	,		
EVIRONMENTAL RESPONSE DIVISION      DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT     (CORM EQP4446(REV.399))      (Under the authority of Parl 201, 1994 Act 491, as amonded, and the Rules promulgated thereunder     NoV 31, 200     OR of use this form for requesting a Baseline Environmental Assessment (*BEA*) adequacy determination,     or of it the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules there of the offending questions as completely as possible.     Name and address of submitter     (individual or legal entity):     Mr. Gavig Former     Status relative to the property:     Address/Bocation of property where     BEA was conducted:     BEA was conducted:     Dentity Operator     Owner*     Owner*     Operator*     Owner*     Owner*     Operator*     Owner*     Owner*     Operator*     Owner*      Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner*     Owner		*	-	FOR DEQ USE ONLY	r
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(Individual or legal entity):       BEA was conducted:         Mr. Gayle Former       Owner'       Mr. Gayle Former         3460 West Polk Road       Operator'       Mr. Gayle Former         347       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:         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.       Micensed landfill or solid waste management facility.       Mid ligan, a facility'' will determine which DEC division will maintain a file regarding this BEA.         2. Based on the Part 201 Rules, this BEA is a:       Category D       Catego	DO NOT use this form for requ OR if the property is not a facil answer the following questions a	esting a Baseline Environment lity, OR if the BEA was completed as possible.	al Assessment ("B le before the effecti	EA") adequacy determination ive date of the BEA rules Ref.	n, Mastin MDEQ RAPIDS Dis-
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:         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       Image: Contact 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         Category D       Category N         Category D       Category S         3. Is the property at which the BEA was conducted a "facility" as defined by       YES       NO	(individual or legal entity): <u>Mr. Gayle Forner</u> <u>PO Box 333</u> 3480 West Polk Road	Former Curre Owner*	ent Prospective 5	3EA was conducted: 504 South State Street 2ity of Hart Aichigan, 49420	where
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:         Image: Check the appropriate response to each of the following questions.         Image: Check the appropriate response to each of the following questions.         Image: State in the source of contamination at the property is primarily from any of the following?         Image: A leaking underground storage tank (UST) regulated under Part 213, 1994 PA (Image: State in 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.         Image: Check the Part 201 Rules, this BEA is a:       Category N (Category D) (Category D) (Category S) (Categ	for the property identified			, the ward and item nur	nber(s)
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<ol> <li>Is it known that the source of contamination at the property is primarily from any of the following?</li> <li>A leaking underground storage tank (UST) regulated under Part 213, 1994 PA</li> <li>A licensed landfill or solid waste management facility.</li> <li>A licensed hazardous waste treatment, storage, or disposal facility.</li> <li>Oil and gas development related activities.</li> <li>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.</li> <li>Based on the Part 201 Rules, this BEA is a:</li> <li>Category N Category S</li> <li>Is the property at which the BEA was conducted a "facility"* as defined by</li> </ol>				dress:	
of the following?       YES NO         • A leaking underground storage tank (UST) regulated under Part 213, 1994 PA       Image: Construct of the solid waste management facility.         • A licensed landfill or solid waste management facility.       Image: Construct of the release that resulted activities.         • Oil and gas development related activities.       Image: Construct 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         Category D       Image: Construct of Construct of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.         3. Is the property at which the BEA was conducted a "facility"* as defined by       YES       NO	Check the appropriate res	conse to each of the follow	ng questions.		
<ul> <li>A licensed landfill or solid waste management facility.</li> <li>A licensed hazardous waste treatment, storage, or disposal facility.</li> <li>Oil and gas development related activities.</li> <li>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.</li> <li>Based on the Part 201 Rules, this BEA is a:</li> <li>Category N Category D Category S</li> <li>Is the property at which the BEA was conducted a "facility"* as defined by</li> </ul>	of the following? <ul> <li>A leaking underg</li> </ul>	round storage tank (UST)			
Category D Category S Category S Category S Category S Category S Category S Category S Category S Category S Category S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S CATEGORY S	<ul> <li>A licensed landfi</li> <li>A licensed hazar</li> <li>Oil and gas deve</li> <li>The source of the release</li> </ul>	Il or solid waste manager dous waste treatment, ste lopment related activities se that resulted in this property	orage, or dispos	_	
	2. Based on the Part 20	)1 Rules, this BEA is a:	• * *** <sub>***</sub> • • • • • • •	Category D	
			•	-	

- 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  $\mathbf{N}$ 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.
- 6. Are any USTs or abandoned or discarded containers identified in the BEA? If yes, this information must be provided on Form EQP4476.
- 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.

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.

32

Signature of Submitter:

(Person legally authorized to bind the person seeking liability protection)

Name (Typed or Printed) (

Title

Date

 $\square$ 

Π

Π

YES NO

YES NO  $\boxtimes$ 

 $\boxtimes$ 

YES NO

		•
•		

# **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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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 suilding 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.

2

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.

3

#### 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(0), MCL 324.20101(1)(0), 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 –  $1^{st}$  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

6

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 1,2,4trimethylbenzene, 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 1,2,4trimethylbenzene, 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 –  $1^{st}$  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
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	Traverse Group
Appendix IX	Laboratory Reports

## TABLES

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#### 504 SOUTH STATE STREET CITY OF HART, OCEANA COUNTY, MICHIGAN

#### TABLE 1

#### SUMMARY OF SOIL ANALYTICAL RESULTS

Sample Location		)1 Criteria	Hoist
Sample Depth in feet	Res DW	Direct	0-0.5
Sample Date	Protection	Contact	03/26/03
Area Investigated	(Leach)	Criteria	Base of Hoist
VOCs <sup>1</sup> , µg/Kg			
Method			8260
Date of Analysis			03/07/03
I,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
PNAs, µg/Kg			
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	
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
Ругеле	480,000	29,000,000	5,960
rytene	400,000	29,000,000	5,900
Metals, mg/Kg	· ´.	· · · · ·	
Method			•
Cadmium	6	550	4.13
Chromium	30	2,500	20.5
Lead	700	400	8,520
· · ·	Concentratio	on exceeds Part :	201 Generic
·			otection Criteria

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 subsance is not likely to leach under most conditions

ID = Insufficient data to develop criterion.

#### 2030273G

#### 504 SOUTH STATE STREET CITY OF HART, OCEANA COUNTY, MICHIGAN

#### TABLE 2

#### SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

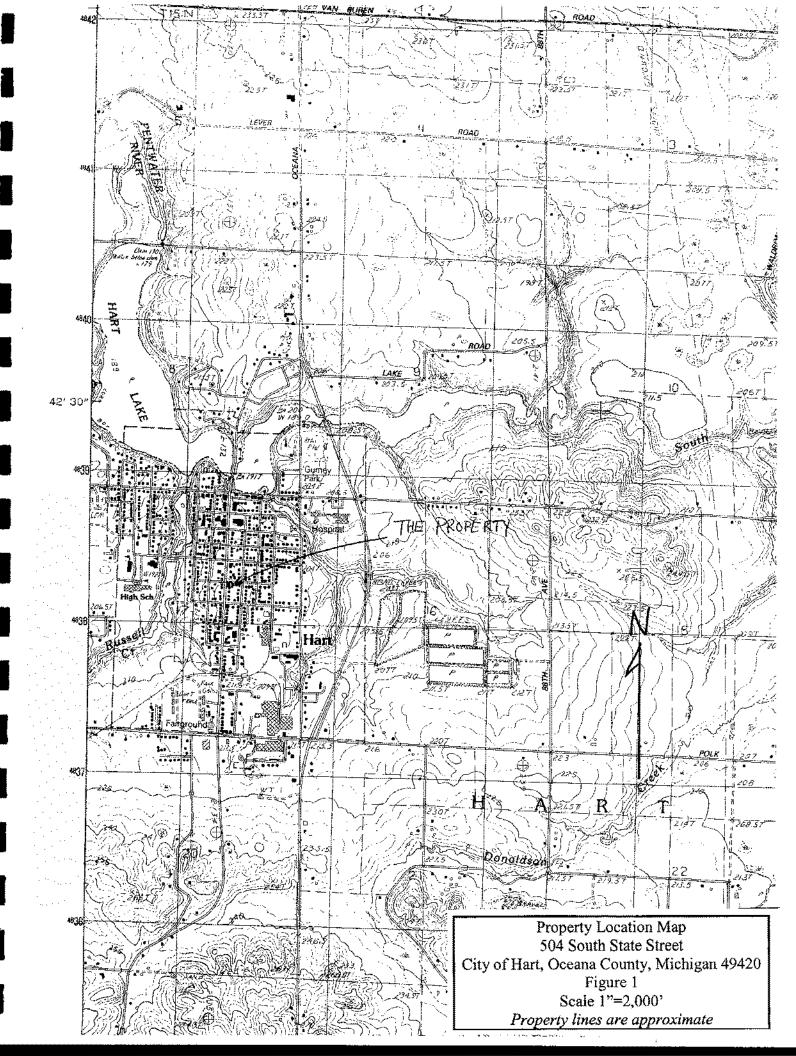
Sample Location	<u>MW-2</u>	<u>MW-8</u>	Part 201 Criteria <sup>1</sup>
Sample Date	3/26/03	3/26/03	Residential and Commercial 1 Drinking Water
Volatile Organic Compounds, mg/L			
Method	8260	8260	
Date of Analysis	3/27/03	3/27/03	
1,2-Dibromoethane	<50	<1	1
1,2-Dichloroethane	<50	<1	5
1,2,4-Trimethylbenzene	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

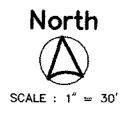
Notes:

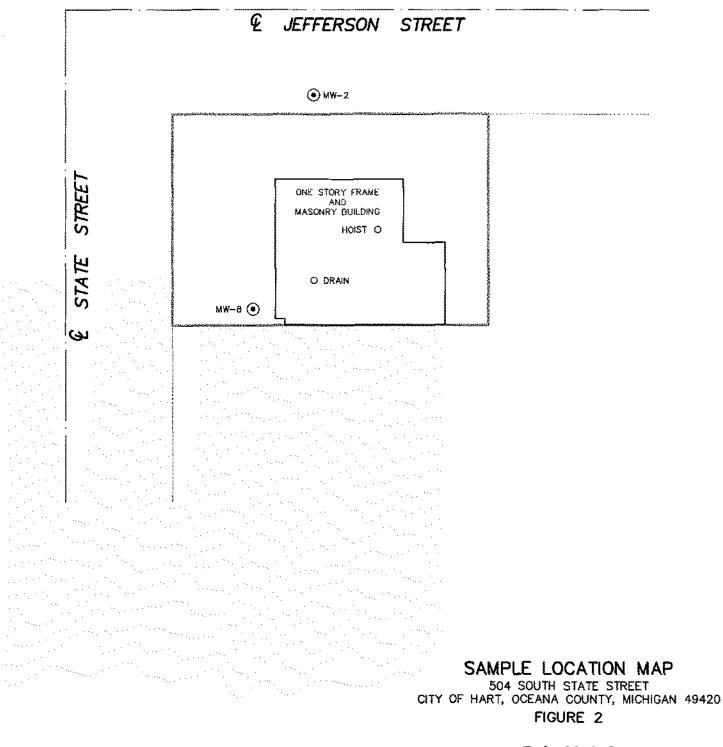
1.Criteria obtained from Table 1. Groundwater:Residential and Industrial-Commercial, Part 201 Genetic Cleanup Criteria and Screening Levels of Rule 744 of the Natural Resources and Environmental Protection Act 1994 PA 451 MCL 324.101, as amended, December 2002.

Concentration exceeds Part 201 Generic Residential and Commercial 1 Drinking Water Criteria.

# FIGURES







THIS MAP WAS GENERATED FROM A PROPERTY SURVEY DATED JULY 25, 2003 BY HEPWORTH LAND SURVEYING, L.L.C.

Prein&Newhof 2030273

# **Appendix 9**





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

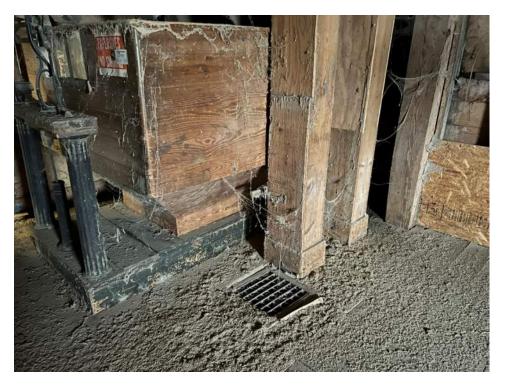


West side of Building D





Former fertilizer storage in Building D



Floor drain in Building A





Drum storage in Building A



Dike containment system between Buildings B and C



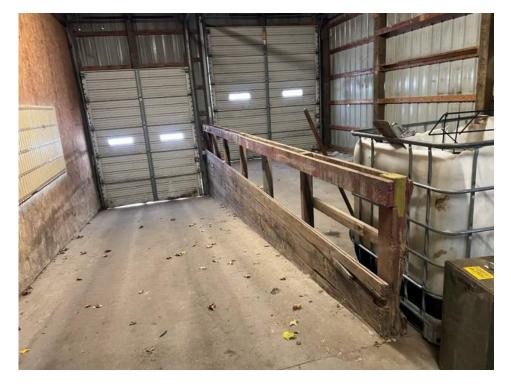


Tote storage outside Building C



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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PROJECT NAME	Phase I ESA – City of Hart		PROJECT NUMBER	221675
Question & Response				
Interviewee: Rodney Stevens				
Telephone: 231-742-0241				
Connection with Site: Manage	r			
Years Familiar with Site:				
7 years				
Current Site Use: none				
Historical Site Use: feed mill. H	le owned 2 of the houses that w	vere removed.	Houses did not use h	eating oil tanks
And were on city sewer and w	ater.			
Current & Past Adjoining/Surro	ounding Property Use: residentia	al		
Potable Water Supply (city or v	well): city			
Knowledge of Current or Form	er Wells: no			
Location:				
Has the well(s) been sampled	(if so any concerns in the results	5)		
Sewage Disposal (city or septic	c): city			
Any process wastewater, besic	des sanitary wastewater from sir	nks/restrooms	s, if so what types: no	
4 Liquid fert tanks, never leak,	foundation coating			
Any knowledge of past wastev	vater discharges: no			
Knowledge of Current or Form	er Septic Systems (locations if a	pplicable): no		
Hazardous Substance/Petroleu	um Products Storage or Use, if so	o please sumn	narize what types and	l quantities:
Fertilizers, gasoline and diesel				
	use; or Knowledge of Former Sto			
No; had a GPR done to investig removed.	gate historic 550 gallon tank and	l didn't find ar	ny signs of a UST so as	sumed it was
Size(s): 550 gallon	C	ontent:		
5120(5). 550 galloli		oncont.		
Any Knowledge of Releases if	so what was Released and Volu	me: none		
	se mat was hereased and volu			



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#### **Question & Response**

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

#### Knowledge of Site-Specific Documents:

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





YEARS OF EXPERIENCE1 yearFishbeck9 yearstotal

**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

### **MELISSA HUNTER**

#### GEOLOGIST

Melissa's experience includes numerous field- and office-related activities in the environmetal 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.

### **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 lowflow 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.



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

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### **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.

## **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

potentiometric map; and subsequent Phase II ESA report. The results of the Phase II ESA allowed successful property transfer.

SENIOR GEOLOGIST

#### 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

#### REMEDIATION

#### **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.