December 12, 2023
ECT No. 220365-0100

Ms. Janet Michaluk
Michigan Department of Environment, Great Lakes, and Energy
525 West Allegan Street
Lansing, Michigan 48933

Mr. Mike Dausey
Sage Creek Winery Property, LLC
35050 Bordman
Memphis, Michigan 48041

Re: Phase I Environmental Site Assessment
Former Sign Shop
400 and 410 East Third Street
Imlay City, Michigan

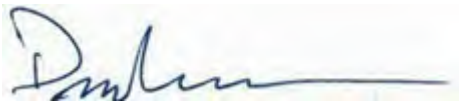
Dear Ms. Michaluk and Mr. Dausey:

Environmental Consulting & Technology, Inc. (ECT) is pleased to provide this Phase I Environmental Site Assessment (ESA) for the above-referenced property. This assessment was performed in accordance with the ASTM Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21). This Phase I ESA is valid through June 2, 2024, after which time certain components of this report may need to be updated. The date(s) of the most recent searches for environmental liens may alter this viability date. We appreciate the opportunity to work with you. Please feel free to contact us at 313.963.6600 should you have any questions concerning this report, or if we may assist you in any other matter.

Sincerely,

Environmental Consulting & Technology, Inc.

Maura Gibbons
Environmental Scientist



Dirk Mammen
Vice President

Phase I Environmental Site Assessment
Former Sign Shop Property
400 and 410 East Third Street
Imlay City, Lapeer County, Michigan 48444

December 12, 2023
ECT No. 220365-0100

Prepared For:
Michigan Department of Environment, Great Lakes, and Energy

on Behalf of:
Sage Creek Winery Property, LLC
35050 Bordman
Memphis, Michigan 48041

1155 Brewery Park Boulevard, Suite 115
Detroit, Michigan 48207
313.963.6600

PROJECT SUMMARY TABLE

Former Sign Shop
400 and 410 East Third Street
Imlay City, Lapeer County, Michigan

Report Section		None	REC	CREC	HREC	DMC	Comments
3.0	Subject Property and Vicinity Descriptions	✔					
4.0	User Provided Information	✔					
5.0	Historical Review		✔				REC #1: Known environmental impact from historical automotive maintenance operations. REC #2: Known environmental impact from previous LUST incidents.
6.0	Regulatory Database Review		✔				REC #2: See above.
7.0	Regulatory Agency Records Review		✔				REC #2: See above.
9.0	Interviews	✔					
10.2	Underground Storage Tanks	✔					REC #2: See above.
10.3	Unidentified Substance Containers	✔					
10.4	Drains, Sumps, Clarifiers, or Pools of Liquid		✔				REC #1: See above.
10.5	Solid Waste Disposal, Fill Materials, or Debris	✔					
10.6	Wells		✔				REC #2: See above.
10.7	Other Field Observations	✔					

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Common Acronyms and Abbreviations

AST	Aboveground Storage Tank
AAI	All Appropriate Inquiry
AUL	Activity and Use Limitation
ACM	Asbestos-Containing Material
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
BER	Business Environmental Risk
CESQG	Conditionally Exempt Small Quantity Generator
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CREC	Controlled Recognized Environmental Condition
DMC	*De Minimis* Condition
ECHO	Enforcement and Compliance History Online
ECT	Environmental Consulting & Technology, Inc.
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FRS	Facility Registry Service
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LBP	Lead-Based Paint
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MTBE	Methyl tert-butyl ether
NREPA	Natural Resources Environmental Protection Act, 1994 PA, as amended
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
NPL	National Priority List
NPMS	National Pipeline Mapping System
NFA/NFR	No Further Action/Remediation
NOV	Notice of Violation
NRCS	Natural Resources Conservation Service
PPB	Parts per Billion
PPM	Parts per Million
PID	Photoionization Detector
PCE	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene, PERC
PIN	Parcel Identification Number
PCB	Polychlorinated Biphenyls
PAH	Polycyclic Aromatic Hydrocarbon
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SDS	Safety Data Sheet
SVOC	Semi-Volatile Organic Compound
SDG	Significant Data Gap
SQG	Small Quantity Generator
SEMS	Superfund Enterprise Management System
SWF/LF	Solid Waste Facilities/Landfill
TCE	Trichloroethylene, Trichloroethene
TMB	Trimethylbenzene
TPH	Total Petroleum Hydrocarbons
TSDF	Treatment, Storage or Disposal Facility
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VIAP	Volatilization to Indoor Air Pathway
VSQG	Very Small Quantity Generator
VOC	Volatile Organic Compound

1.0 Executive Summary

Environmental Consulting & Technology, Inc. (ECT) was retained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) (the Client) on behalf of Sage Creek Winery Property, LLC (the User) to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21) and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the Former Sign Shop property located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 1.2.2 and Section 2.5 of this report.

1.1 Property Description

The Subject Property currently consists of approximately 0.170 acres, developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is currently vacant except for some Imlay City Department of Public Works (DPW) implement storage, such as gardening supplies.

A USGS Topographic Map is provided as **Figure 1** and a Subject Property Overview is provided as **Figure 2**. A land survey and a copy of available property assessment records is included in the appendices (**Property Records**). It should be noted that the Subject Property is notated as "Parcel B4" on the land survey and was recently split from Parcel #I19-59-100-000-00 (the former larger parent parcel) in 2023.

1.2 Evaluation

1.2.1 Findings and Opinions

Based on the information revealed as part of this Phase I ESA, ECT has identified the following findings and offers the below opinions as part of this Phase I ESA:

- **REC #1: Known environmental impact from historical automotive maintenance operations.** Based on a review of historical sources, such as fire insurance maps and city directories (refer to Section 5.2), the Subject Property was historically occupied by the Imlay City Water Works garage (approximately 1920s-1970s) and Jets Collision (1990s). These historical occupants likely involved the use and/or storage of hazardous substances and petroleum products due to typical operations of automotive maintenance activities.

In addition, during the site reconnaissance, ECT observed a sloped trench connected to a floor drain within the former garage area (refer to Section 10.4), situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight sheen. Based on analytical data from a Phase II ESA performed in November 2022 by ECT (refer to Section 5.4), elevated VOCs and PAHs were identified in soil samples surrounding the trench and floor drain at the former garage area with concentrations exceeding the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels and the volatilization to indoor air pathway (VIAP) screening levels. It is the opinion of the EP that this finding constitutes a REC and a vapor encroachment condition (VEC).

- **REC #2: Known environmental impact from previous LUST incidents.** Based on reviewing regulatory database listings (refer Section 6.2) and supporting historical investigation reports (refer to Section 5.4 and Section 7.1) for the Subject Property and the south adjoining property (part of the former parent parcel), three gasoline and/or diesel fuel underground storage tanks (USTs) have been removed from the premises between 1994 and 2002. Confirmed leaking underground storage tank (LUST) releases were reported following the removal of each UST, and currently, all LUST incidents remain open. Additionally, limited information was available for a former heating oil UST that was situated along the eastern exterior edge of the structure. Various consultants have conducted historical activities as a result of the LUST incidents, including UST removals, soil excavation and disposal, soil and groundwater sampling, remediation system installation and operation, and vacuum enhanced recovery to remove product from monitoring wells. Based on the analytical results of recent sampling investigations, soil and groundwater at the Subject Property remain impacted with various VOCs, including but not limited to benzene, ethylbenzene, 2-methylnaphalene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, toluene, and xylenes with concentrations exceeding the EGLE Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels. Additionally, the concentrations of several volatiles also exceed the residential and nonresidential VIAP screening levels. It is the opinion of the EP that this finding constitutes a REC and a VEC.

Results of the most recent sampling investigation (ECT, 2022) are summarized in **Figures 3-5** (**Figure 3** Soil Analytical Summary, **Figure 4** Groundwater Analytical Summary, and **Figure 5** Soil Gas Analytical Summary) and in the attached **Data Tables** (**Table 1** Soil Analytical Summary, **Table 2** Groundwater Analytical Summary, **Table 3** Soil Gas Analytical Summary). Based on the exceedance of the Part

201 Cleanup Criteria/Part 213 Risk-Based Screening Levels, the Subject Property is considered a "facility/property" as defined by the Natural Resources Environmental Protection Act, 1994 PA, as amended (NREPA). Therefore, should a property transfer occur, ECT recommends conducting a Baseline Environmental Assessment (BEA) for liability protection within 45 days of property acquisition with submittal to EGLE within six months of property acquisition.

Although considered a non-scope consideration, based on the age of the structure, suspect asbestos-containing materials, (i.e. floor tiles, wall/ceiling boards, dropped ceiling tiles) and chipping paint suspected as supporting lead were observed at the Subject Property.

1.2.2 Data Failure and Data Gaps

According to ASTM E1527-21, a data failure occurs when all the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-21, historical sources are required to identify the use of the property at five-year intervals back to first developed use or 1940, whichever is earlier. A data failure is a type of data gap (defined below).

A data gap is defined by ASTM E1527-21 as a lack or inability to obtain information required by the 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 the practice, including, but not limited to the site reconnaissance and interviews.

The following data failures and/or data gaps have been identified as part of this assessment:

- The ASTM standard requires that all obvious uses of the property shall be identified from the present at five-year intervals, back to the property's first developed use, or back to 1940, whichever is earlier. There are occasional gaps in the five-year intervals of the historical sources provided to ECT; therefore, this represents a data failure. However, based on the amount of information able to be reviewed, ECT does not believe this represents a significant data gap to the conclusions of this report.
- ECT requested any available documentation pertaining to the Subject Property or its vicinity from the Lapeer County Heath Department and Imlay City Fire Department; however, both agencies indicated that they do not maintain records for municipal properties. Based on the quality of information obtained from other sources (e.g., historical documentation, interviews, regulatory sources, site reconnaissance, etc.), ECT does not believe this represents a significant data gap.

No other data failures or data gaps were identified in this Phase I ESA.

1.2.3 Conclusions

Mr. Dirk Mammen, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1: Known environmental impact from historical automotive maintenance operations.**
- **REC #2: Known environmental impact from previous LUST incidents.**

Based on the exceedance of the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels, the Subject Property is considered a "facility/property" as defined by NREPA. Therefore, should a property transfer occur, ECT recommends conducting a BEA for liability protection within 45 days of property acquisition with submittal to EGLE within six months of property acquisition.

1.2.4 Additional Investigation

In accordance with ASTM E1527-21, the EP shall provide an opinion as to whether additional investigation to detect the presence of hazardous substances or petroleum products is warranted. This opinion does not render the assessment incomplete, nor is it intended to represent a recommendation. **Based on the findings of the previous investigations (refer to Section 5.4) that contained reliable information, it is the opinion of the EP that additional investigation is not warranted for the Subject Property.**

2.0 Purpose and Scope of Work

This report documents the methods and findings of the Phase I ESA performed in conformance with the scope and limitations of ASTM Standard Practice E1527-21 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR 312) for the property located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan.

2.1 Scope of Work

The purpose of ASTM Practice E1527-21 is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of commercial and real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601) and petroleum products. Any exceptions to, or deletions from, this practice are described in Section 1.2.2 and Section 2.5 of this report.

The Phase I ESA conducted by ECT included, but was not limited to, the following services:

- A site visit of the Subject Property to look for evidence of a release(s) or potential release of petroleum products and hazardous materials;
- Observations of adjacent properties and the vicinity of the Subject Property;
- Interviews with individuals familiar with the Subject Property, as available;
- Review of regulatory agency and local files, as necessary;
- Review of historical documents, as available; and
- Preparation of a report presenting ECT's findings, including a summary of conclusions and recommendations, if requested.

The objective of Phase I ESAs is to provide all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B) 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 on CERCLA liability (a.k.a., landowner liability protections). The goal of Phase I ESAs is to identify current, historical, and controlled RECs and *de minimis* conditions in connection with the property, to the extent feasible pursuant to the processes prescribed in the ASTM E1527-21 guidelines. The terms current, historical, and controlled RECs and *de minimis* conditions are defined by ASTM in the following paragraphs.

A REC is (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.

A controlled REC is a REC 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).

A historical REC is 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.

A *de minimis* condition is 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.

2.2 Continued Viability of Phase I ESA

According to ASTM Practice E1527-21, a Phase I ESA meeting or exceeding the standard and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a User different than the User for whom the assessment was originally prepared, the subsequent User must also satisfy the User's Responsibilities outlined in Section 6 of ASTM Standard Practice E1527-21.

A Phase I ESA meeting or exceeding ASTM E1527-21 requirements and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided

that the below detailed components of the inquires were conducted or updated within 180 days of the date of purchase, or the date of the intended transaction. The initial collection or inquiry dates for each required component as applicable to this report have been detailed in the table below.

REPORT COMPONENT	INITIAL DATE OF COLLECTION OR INQUIRY
(i) Interviews with Owners, Operators, and Occupants	**December 5, 2023**
(ii) Searches for Recorded Environmental Liens	**Not provided**
(iii) Reviews of Federal, Tribal, State, and Local Government Records	**December 5, 2023**
(iv) Visual Inspection of the Property and of Adjoining Properties	**December 5, 2023**
(v) Declaration by the EP responsible for the assessment or update	**December 12, 2023**

2.3 Significant Assumptions

ECT assumes that the information provided by the regulatory database electronic search report provider, the regulatory agencies, the local unit of government, and the current Subject Property owner(s) is true and reliable.

2.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ECT and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon any information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of determining the potential for contamination through limited research and investigative activities

and in no way represents a conclusive or complete site characterization. Conditions in other parts of the Subject Property may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in ESA conclusions cannot reasonably be achieved.

ECT, therefore, does not provide any guarantees, certifications, or warranties that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

2.5 Limiting Conditions and Deviations

The performance of this Phase I ESA was limited by the following:

- There was no interior access to the subgrade crawl space area, which is situated along the northern wall of the western portion of the structure. Due to this limitation, the extent and size of the crawl space is unknown. However, ECT visually inspected the crawl space from the opening on the first floor, and during the site reconnaissance, ECT did not observe any standing liquid or noxious odors within the crawl space.

Based on the nature of this limitation, it is the opinion of the EP that this limitation does not impact ECT's ability to identify RECs.

2.6 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls (PCBs), lead-based paint, or the assessment of natural hazards such as naturally occurring asbestos, radon, or methane gas, assessment of the potential presence of radionuclides, or assessment of non-chemical hazards such as the potential for damage from earthquakes or floods. This Phase I ESA also did not include an extensive assessment of the environmental compliance status of the Subject Property or of the businesses that have operated on-site, or a health-based risk assessment.

2.7 User Reliance

This Phase I ESA was conducted for the use of and reliance by EGLE and Sage Creek Winery Property, LLC and their assignees and may be relied upon by these parties only. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

3.0 Subject Property and Vicinity Descriptions

3.1 Subject Property Characteristics

A USGS Topographic Map is provided as **Figure 1** and a Subject Property Overview is provided as **Figure 2**. A land survey and a copy of available property assessment records is included in the appendices (**Property Records**). It should be noted that the Subject Property is notated as "Parcel B4" on the land survey and was recently split from Parcel #I19-59-100-000-00 (the former larger parent parcel) in 2023.

A summary of the Subject Property is included in the table below.

SUBJECT PROPERTY DETAILS	
Location	400 and 410 East Third Street, Imlay City, Lapeer County, Michigan 48444
Historical Address(es)	398 East Third Street Source: Fire Insurance Maps
Parcel Number(s)	Parcel #I19-59-100-003-00 Source: BS&A Imlay City
Approximate Acreage	0.170 acres Source: Land Survey; BS&A Imlay City
Owner Entity Name	Imlay City Source: BS&A Imlay City
BUILDING INFORMATION	
Number of Buildings	One
Date(s) of Construction	~1920s (western portion) and ~1930s (eastern portion)
Number of Floors	One
Size (square footage)	Approximately 2,300-square feet
Basement/Subgrade Area(s)	Crawl space along northern wall of western portion; extent/size is unknown.
Occupant(s)	Vacant
Property Use	Mostly vacant except for some Imlay City implement storage.
UTILITY INFORMATION	
Heating/Cooling Source	Natural gas
Potable Water Source	Municipal
Sewage Disposal Provider	Municipal
REGULATORY INFORMATION	
Regulatory Database Listings	Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part 201, RCRA-VSQG, UST, VCP, & WDS
Activity and Use Limitations (AULs)	None
Environmental Liens	None

The Subject Property currently consists of 0.170 acres, developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is mostly vacant except for some Imlay City DPW implement storage, such as gardening supplies. The western portion of the structure is comprised mostly of office spaces, and the eastern portion of the structure is comprised of a former garage area including a bay door (currently out-of-use).

3.2 Vicinity Characteristics

A summary of the surrounding properties is included in the table below.

DIRECTION	OCCUPANT/USE	REGULATORY DATABASE LISTING(S)
North	East Third Street followed by a police station/ambulance services.	None
South	Driveway access followed by a pole barn occupied by the Department of Public Works (part of former parent parcel).	Same listings as Subject Property: Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part 201, RCRA-VSQG, UST, & WDS
East	Multi-retail businesses, including a tattoo shop, hair salon, music store, nail salon, and phone store.	BEA, Historical Auto, Inventory, & VCP
West	Imlay City exterior implement storage (part of former parent parcel), followed by a parking lot, followed by a fire station.	None

Refer to Section 6.0 for a discussion of regulatory database listings.

3.3 Physical Setting

The physical setting of the Subject Property is described in the table below.

TOPOGRAPHY	
USGS Topographic Quadrangle	*Imlay City, Michigan* (2019)
Approximate Elevation	815 feet above mean sea level
Nearest surface water	The North Branch Belle River is located over 1/4 mile to the east, and a tributary of the river is located within 1/4 mile to the southeast.
Source: USGS Topographic Map	
SOILS	
Soil Classification	Miami
Soil Type	Loam
Drainage Class	Well Drained
Source: EDR Radius Map Report	
GEOLOGY	
Physiographic Region	Southern Upland
Geologic Formation	Coldwater Shale
Bedrock	Paleozoic Era, Mississippian System, Osagean and Kinderhookian Series
Sources: MSU Physiographic Region Map, EDR Radius Map Report, and EGLE GeoWebFace	

HYDROLOGY	
Estimated Groundwater Flow[1]	East-southeast
Estimated Depth to Groundwater	Between 9 and 16 feet below ground surface.
Sources: USGS Topographic Map, Prior Reports (Section 5.4)	

1. Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types of location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development, such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

4.0 User Provided Information

The User of this report is Sage Creek Winery Property, LLC. Mr. Mike Dausey, Director and authorized representative of Sage Creek Winery Property, LLC, completed a User Questionnaire on July 5, 2023. ECT completed an update interview with Mr. Mike Dausey via telephone on December 7, 2023. Mr. Dausey was not aware of any changes to the Subject Property since his initial questionnaire. He is aware of the presence of environmental impact as described in prior reports.

A copy of the completed User Questionnaire is included in the appendices (**User Provided Information**). The User'

QUESTIONS	YES	NO	COMMENTS
Did a search of recorded land title records (or judicial records where appropriate[2]) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?	☐	✔	Date of search: Not provided
Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state, or local law?	☐	✔	Date of search: Not provided
Do you have any specialized knowledge or experience related to the property or nearby properties?	☐	✔	Only what has been provided in prior reports.
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	✔	☐	
Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	☐	✔	Only what has been provided in prior reports.
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?	☐	✔	Only what has been provided in prior reports.

2. In certain jurisdictions, federal, tribal, state, or local statues, or regulations specify that environmental liens and AULs be filed in judicial records rather than land title records. In such cases, judicial records must be searched for environmental liens and AULs.

Any prior environmental reports provided by the User have been summarized in Section 5.4.

4.1 Reason for Performing Phase I ESA

The reason for performing this Phase I ESA is to satisfy CERCLA requirements to quality for the innocent landowner, contiguous property owner, or bona fide prospective purchaser LLPs.

5.0 Historical Review

5.1 Historical Sources Reviewed

ECT reviewed the following reasonably ascertainable standard historical sources, as described in ASTM E1527-21, to determine the previous uses and occupancies of the Subject Property, adjoining properties, and surrounding area.

Aerial photographs, topographic maps, fire insurance maps, and city directories were obtained from Environmental Data Resources, Inc. (EDR). These records are provided in the appendices (**Historical Sources**). Additionally, ECT reviewed available aerial photographs on Google Earth™. The below table summarizes available historical source coverage for the Subject Property.

Dates	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories
No Coverage	☐	☐	☐	☐
Prior to 1940	✔	☐	✔	☐
1940 - 1945	✔	☐	☐	☐
1946 - 1950	☐	☐	☐	☐
1951 - 1955	☐	☐	✔	☐
1956 - 1960	✔	☐	☐	☐
1961 - 1965	✔	✔	☐	☐
1966 - 1970	☐	☐	☐	☐
1971 - 1975	☐	☐	☐	✔
1976 - 1980	✔	☐	☐	✔
1981 - 1985	✔	☐	☐	✔
1986 - 1990	✔	☐	☐	✔
1991 - 1995	☐	☐	☐	✔
1996 - 2000	✔	☐	☐	✔
2001 - 2005	☐	☐	☐	✔
2006 - 2010	✔	☐	☐	✔
2011 - 2015	✔	✔	☐	✔
2016 - 2020	✔	✔	☐	✔
Current	☐	☐	☐	☐

5.2 Subject Property Historical Summary

Based upon review of the available historical sources, a chronological summary of historical data for the Subject Property is included below.

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1922 - 1964	The Subject Property appears to be occupied by the Imlay City Water Works, including a garage/ tool house and a water tower/gravity tank. A building addition (eastern portion) appears on the garage/tool house by the 1934 fire insurance map.	Fire insurance maps Aerial photographs
1974-2010	By the 1978 aerial, the water tower/gravity tank is no longer visible, but the remainder of the Subject Property appears unchanged. Between the city directories dated 1974 and 2000, the Subject Property appears to be predominantly occupied by the local municipality, such as the fire, police, and ambulance services; however, these listings may encompass the south and west adjoining structures. Additionally, Jets Collision and Imlay Signs are also listed as occupants on the city directories dated 1992-1995 and 2000-2010, respectively.	Aerial photographs City directories
2016-Current	The structure appears unchanged, but the Subject Property is vacant.	Aerial photographs Site reconnaissance Owner interview

The Subject Property was historically occupied by the Imlay City Water Works garage (approximately 1920s-1970s) and Jets Collision (1990s). These historical occupants likely involved the use and/or storage of hazardous substances and petroleum products due to typical operations of automotive maintenance activities. In addition, during the site reconnaissance, ECT observed a sloped trench connected to a floor drain within the former garage area (refer to Section 10.4), situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight sheen. **Based on analytical data from a Phase II ESA performed in November 2022 by ECT (refer to Section 5.4), elevated VOCs and PAHs were identified in soil samples surrounding the trench and floor drain at the former garage area of the structure with concentrations exceeding the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels and VIAP screening levels. It is the opinion of the EP that this finding constitutes a REC.**

5.3 Surrounding Area Historical Summary

Based upon review of the available historical sources, a chronological summary of historical data for the surrounding area is included below.

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
	NORTH	
1928-1983	Situated on the other side of East Third Street, a factory plant labeled as "Almont Manufacturer Co." is depicted on the northwest surrounding area on the fire insurance maps. The factory plant appears on the aerial photographs and/or city directories dated through 1983. The north adjoining property appears mostly unimproved.	Fire insurance maps Aerial photographs City directories
1987-2000	By the aerial photograph dated 1987, the factory plant appears to have been demolished. Instead, a commercial structure surrounded by parking lots is visible on the north adjoining property. Based on city directories, this structure appears to have been occupied by the Lapeer County government.	Aerial photographs City directories
2005-Current	The north adjoining property appears to be occupied by the Imlay City police department and Lapeer County EMS.	Topographic maps City directories Site reconnaissance

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
	SOUTH	
1922-1934	A railroad easement is depicted approximately 150 feet from the Subject Property. The south adjoining property appears largely unimproved except for storage shed(s) and a coal yard further west.	Fire insurance maps
1938-1964	A commercial structure surrounded by a circular driveway appears approximately 30 feet from the Subject Property. The structure is labeled as a "street department warehouse" on the fire insurance map dated 1953.	Aerial photographs Fire insurance maps
1974-Current	Building additions are visible at the south adjoining structure on the aerial photographs dated 1978 and 1987. Based on the city directories, site reconnaissance, and information from the owner, this structure has been occupied by the local municipality as early as 1974, including the Department of Public Works.	Aerial photographs City directories Site reconnaissance Owner interview

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
EAST		
1938-1941	The east adjoining property appears unimproved.	Aerial photographs
1957-1977	A commercial structure surrounded by a parking lot appears on the east adjoining property. As early as the city directory dated 1974, this structure appears to be occupied by Schoenhals Motor Sales.	Aerial photographs City directory
1982-Current	As early as the city directory dated 1982, the east adjoining property appears to be occupied by various retail businesses, and a building addition is visible as early as the aerial photograph dated 1983.	Aerial photographs City directory Site reconnaissance

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
WEST		
1922-1953	An 80,000-gallon reservoir is depicted directly west of the Subject Property. As early as the fire insurance map dated 1953, an office and coal yard is depicted further west.	Fire insurance maps
1957-1964	The reservoir remains visible on the aerial photographs, and further west appears to have been developed into a parking lot.	Aerial photographs
1974-2000	The reservoir directly adjoining the Subject Property is no longer visible, and a commercial structure appears approximately 150 feet from the Subject Property. Based on the city directories, ECT believes this structure may have been occupied by the local municipality, such as the fire, police, and/or ambulance services between 1974 and 2000.	Aerial photographs City directories
2014-Current	The west adjoining property is occupied by a fire station.	Topographic maps Site reconnaissance

5.4 Prior Environmental Reports

ECT was provided with the following prior environmental reports for the Subject Property and/or the former parent parcel (includes the south adjoining structure). Refer to the appendices (**Prior Report Excerpts**).

It should be noted that information obtained from the prior environmental reports may have been used for guidance of the site reconnaissance portion of this Phase I ESA; however, no prior reports were relied upon without the completion of a new site reconnaissance.

2015 LIMITED SOIL GAS VAPOR STUDY	
Document Name:	Limited Soil Gas Vapor Study Report: Former DPW Building, 400-410 East Third Street, Imlay City, Lapeer County, Michigan
Prepared By:	Huron Consultants
Date:	April 10, 2015
Provided By:	EGLE/Imlay City

In March 2015, five soil gas vapor points (VSP-1 through VSP-5) were placed within the DPW building (part of former parent parcel) adjoining the Subject Property to the south to investigate environmental impacts related to previous LUST incidents (refer to Section 7.1). Five vapor samples were collected from the vapor points for the analysis of VOCs. Several VOC constituents were detected in the samples, but none of the concentrations were reported to exceed the Draft Acute Exposure Immediate Response Screening Levels. However, it should be noted that screening levels have been updated since this investigation. No soil gas samples were collected from the building at the Subject Property.

ECT was also provided with analytical results of additional soil gas samples from 2017. However, there was no indication of the sample locations; ECT assumes the samples were collected from the south adjoining DPW building rather than the Subject Property.

2015 LIMITED SITE INVESTIGATION	
Document Name:	Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763
Prepared By:	Mannik & Smith Group, Inc.
Date:	August 25, 2015
Provided By:	EGLE/Imlay City

In July 2015, ten soil borings (SB-01 through SB-10) were advanced using direct-push technologies to a maximum depth of 25 feet below ground surface (bgs) at the Subject Property and the south adjoining property (part of former parent parcel) to investigate environmental impacts related to previous LUST incidents (refer to Section 7.1). Soils were generally characterized as sand, silt, and sandy clay, and groundwater was reported as being encountered between five and 10 feet bgs. Indication of petroleum impact was observed at all borings. In total, ten vadose soil samples, five saturated soil samples, and five groundwater samples were submitted for laboratory analysis. Throughout the soil and groundwater samples, concentrations of 1,2,4-TMB, 1,3,5-TMB, 2-methylnaphthalene, benzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, sec-butylbenzene, and toluene were found to exceed several EGLE Part 201 cleanup criteria.

Specific to the boundary of the Subject Property included borings SB-01 and SB-04, in which soil samples reportedly contained concentrations of ethylbenzene, 2-methylnaphthalene, naphthalene, n-propylbenzene, 1,2,4-TMB, 1,3,5-TMB, and toluene exceeding the regulatory cleanup criteria. It should be noted that some numerical values on the data tables were illegible, and laboratory reports were not available. Therefore, ECT was not able to compare all results to the current cleanup criteria and/or VIAP screening levels. Lastly, no groundwater samples were collected from these borings at the Subject Property.

2022 PHASE I ESA	
Document Name:	Phase I ESA: 400 and 410 East Third Street, Imlay City, Michigan
Prepared By:	ECT
Date:	August 1, 2022
Provided By:	ECT/EGLE

This abovementioned Phase I ESA was prepared for EGLE in accordance with ASTM E1527-13 on behalf of Lapeer Development Corporation and included the same boundary for this current assessment. Site conditions of the Subject Property have not changed since the 2022 assessment. The following RECs were identified:

- REC #1: Historical automotive maintenance operations between the 1920s and 1990s.
- REC #2: Known environmental impact from LUST incidents that currently remain open.

2022 PHASE II ESA	
Document Name:	Phase II ESA: 400 and 410 East Third Street, Imlay City, Lapeer County, Michigan
Prepared By:	ECT
Date:	November 9, 2022
Provided By:	ECT/EGLE

The purpose of the Phase II ESA was to evaluate potential environmental impact from identified RECs from the 2022 Phase I ESA. A summary of the investigations and results compared to the Part 213 Risk-Based Screening Levels and VIAP Screening Levels are below:

Four soil borings (SB-3 through SB-6) were advanced to a maximum depth of 20 feet bgs using direct-push drilling technologies along the exterior perimeter of the building. Two soil borings (SB-1 and SB-2) were advanced to a maximum depth of six feet bgs using a hand auger inside the building due to limited access of a drilling rig. The subsurface soil type from the surface to approximately 12 feet bgs was predominantly clay which was underlaid by sand to approximately 20 feet bgs. Intermittent sand layers were occasionally observed in the soil borings. One soil sample was collected from each boring and analyzed for VOCs, PAHs, and Michigan Ten Metals. Elevated concentrations of numerous VOCs were detected in the soil samples from SB-1, SB-2, SB-4, and SB-6 exceeding the

drinking water protection (DWP), groundwater-surface water interface protection (GSIP) , and VIAP residential and nonresidential screening levels. Elevated PAH concentrations were detected in all four soil samples exceeding the GSIP cleanup criteria and VIAP screening levels. Lastly, elevated selenium concentrations were identified but were below the regional background soil survey concentrations.

Four temporary groundwater monitoring wells (TMW-3 through TMW-6) were installed at the four soil borings (SB-3 through SB-6) situated along the exterior perimeter of the building. Groundwater depth was reported between 9 and 16 feet bgs at the time of the subsurface investigation. One groundwater sample was collected at each location and analyzed for VOCs and PAHs; however, TMW-5 was found dry. Additionally, one groundwater sample was also collected from an existing monitoring well (MW-1) for the analysis of VOCs. Elevated VOCs were identified at TMW-3, TMW-4, and TMW-6 exceeding the DWP, GSIP, and VIAP residential and nonresidential screening levels. No PAHs were identified in the groundwater samples analyzed for PAHs.

Four sub-slab vapor pins (VP-1 through VP-4) were advanced within the interior of the structure to assess sub-slab soil gas conditions. One soil gas sample was collected in a one-liter bottlevac canister for analysis of VOCs. Elevated VOC concentrations were identified at VP-1 exceeding the residential and nonresidential soil vapor screening levels. Several VOCs were identified in the remaining soil gas samples, but their concentrations were below the VIAP residential and nonresidential screening levels.

Results of the most recent sampling investigation are summarized in **Figures 3-5** and in the attached **Data Tables** . Based on the exceedance of the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels, the Subject Property is considered a "facility/property" as defined by NREPA. Refer to Section 7.1 for additional summaries of historical investigations from various LUST incidents.

2023 PHASE I ESA	
Document Name:	Phase I ESA: Former Sign Shop, 400 and 410 East Third Street, Imlay City, Michigan
Prepared By:	ECT
Date:	August 7, 2023
Provided By:	ECT/EGLE

This abovementioned Phase I ESA was prepared for EGLE in accordance with ASTM E1527-21 on behalf of Sage Creek Winery Property, LLC and included the same boundary for this current assessment. Site conditions of the Subject Property have not changed since the 2023 assessment. The following RECs were identified:

- REC #1: Known environmental impact from historical automotive maintenance operations.
- REC #2: Known environmental impact from previous LUST incidents.

6.0 Regulatory Database Review

6.1 Database Finding Summary

ECT contracted Environmental Data Resources, Inc. (EDR) to conduct a search of publicly available information from federal, state, tribal, and local environmental record sources in accordance with ASTM E1527-21. Data gathered during the regulatory database search is compiled by EDR into a government records report (i.e., database report). This government records report is dated December 5, 2023.

The standard databases researched in accordance with ASTM E1527-21 requirements are listed below.

Standard Environmental Record Sources (where available)	Approximate Minimum Search Distance (miles)
Federal Sources	
NPL list	1.0
Delisted NPL list	0.50
CERCLIS list	0.50
CERCLIS-No Further Remedial Action Planned (NFRAP) list	0.50
RCRA Corrective Action (CORRACTS) facilities list	1.0
RCRA non-CORRACTS TSD facilities list	0.50
RCRA generators list	SP and Adjoining
Federal institutional control/engineering control registries	SP
Federal Emergency Response Notification System (ERNS) list	SP
State Sources	
State- and tribal-equivalent NPL	1.0
State- and tribal-equivalent CERCLIS	0.50
State and tribal landfill and/or solid waste disposal site lists	0.50
State and tribal leaking storage tank lists	0.50
State and tribal registered storage tank lists	SP and Adjoining
State and tribal institutional control/engineering control registries	SP
State and tribal voluntary cleanup sites	0.5
State and tribal Brownfield sites	0.50
SP = Subject Property *Italicized* = State and tribal lists of hazardous waste sites identified for investigation or remediation	

The database report, which includes a search of standard and additional record sources, identified the following listings for the Subject Property and/or surrounding area. For full details pertaining to the databases searched, refer to the database report included in the appendices (**Regulatory Database Report**).

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
RCRA-VSQG	0.250	1	2	4	NR	NR	7
LUST	0.500	1	3	2	7	NR	13
UST	0.250	1	4	4	NR	NR	9
AST	0.250	0	3	1	NR	NR	4
AUL	0.500	0	3	1	1	NR	5
VCP	0.500	1	6	3	1	NR	11
BROWNFIELDS	0.500	2	0	1	0	NR	3
INVENTORY	0.500	2	9	4	5	NR	20
PART 201	1.000	1	0	0	0	1	2
RCRA NonGen / NLR	0.250	0	2	3	NR	NR	5
FINDS	0.001	1	0	NR	NR	NR	1
ECHO	0.001	1	0	NR	NR	NR	1
BEA	0.500	0	9	1	4	NR	14
DRYCLEANERS	0.250	0	0	2	NR	NR	2
WDS	0.001	1	0	NR	NR	NR	1
EDR Hist Auto	0.125	0	2	NR	NR	NR	2
RGA PART 201	0.001	1	0	NR	NR	NR	1
RGA LUST	0.001	2	0	NR	NR	NR	2

6.2 Subject Property Listings

The Subject Property and/or the former parent parcel were listed on the following regulatory databases:

SITE NAME	ADDRESS	DATABASE(S)
City of Imlay Public Works	400 East Third Street	Inventory, LUST, RGA LUST, UST, VCP, & WDS
400 & 410 East Third Street	400 & 410 East Third Street	Brownfields, Part 201, & RGA Part 201
City of Imlay	410 East Third Street	ECHO, FINDS, RCRA-VSQG & WDS

The Subject Property was listed on the Inventory database under the Part 213 Program, indicating that environmental impact has been identified from LUST incident(s) at the Subject Property. Three LUST incidents (#C-0744-94, #C-0039-02, #C-0470-02) regarding gasoline and/or diesel fuel have been reported at the Subject Property in 1994 and 2002, and the status of all three LUST incidents currently remain open. Three former USTs (ranging between 275- and 2,000-gallons) reportedly have been removed from the ground between 1994 and 2002; no active USTs are reported at the Subject Property. Refer to Section 7.1 for additional details.

The Subject Property was also listed on the Brownfield and Part 201 databases for pollutants of 1,2,4-TMB, benzene, ethylbenzene, toluene, and xylenes; however, the media (i.e. soil, groundwater) impacted was not reported. Lastly, various types of waste activities have likely occurred at the Subject Property, evident by the listings on the WDS, RCRA-VSQG, ECHO, and FINDS databases; however, no significant compliance violations were identified.

6.3 Surrounding Properties

Each surrounding property listing identified within the searched radius of the Subject Property was evaluated using ECT's professional judgement to determine its potential impact to the Subject Property. The distance of the listing from the Subject Property was included in ECT's evaluation, as well as the listing details, the regional topography, and the estimated groundwater flow. Based on ECT's evaluation, surrounding properties of potential environmental significance in relation to the Subject Property have been summarized below.

SCHOENHALS MOTOR SALES INC	
Location:	420 East Third Street
Distance:	Adjoining
Direction:	East
Database(s):	BEA, EDR Hist Auto, & VCP

481-420 E THIRD ST. & 21 CEDAR ST.	
Location:	481-420 East Third Street and 21 Cedar Street Note: ECT believes the correct address is 418-420 East Third Street based on information in Section 7.1
Distance:	Adjoining
Direction:	East
Database(s):	BEA, Inventory, & VCP

It should be noted that some of these above-mentioned listings were plotted incorrectly as the Subject Property and/or the north adjoining property; however, based on the provided addresses, ECT has extrapolated that these listings represent the east adjoining property. This site reportedly

operated as a car dealership between 1969 and 1979, and the BEA and Inventory databases listings indicates that environmental impact has been identified. Refer to Section 7.1 for additional details regarding this adjoining site.

JER EQUIPMENT	
Location:	379 East Second Street
Distance:	200 feet
Direction:	South (other side of railroad easement)
Database(s):	AST

This above-mentioned site was listed in the AST database for the storage of 500-gallons of liquefied petroleum gas. The AST is reported as currently in-use and was installed in 2016. No releases have been reported at this adjoining site. Based on the separation of the railroad and the lack of releases observed/identified, ECT does not believe this listing represents an environmental risk to the Subject Property.

TOTAL BULK PLANT/IMLAY CITY OIL	
Location:	100 & 110 North Cedar Street
Distance:	250 feet
Direction:	East (other side of North Van Dyke Road)
Database(s):	AST, AUL, AIRS, BEA, ECHO, FINDS, Inventory, LUST, RCRA-VSQG, UST, & WDS

This above-mentioned site formerly operated as a bulk petroleum facility and has two open LUST incidents. A restrictive covenant (RC-RRD-213-17-135) has been placed as an institutional control to restrict residential land use, groundwater consumption, and soil excavation. Based on the direction of groundwater flow, ECT does not believe this listing represents an environmental risk to the Subject Property.

Although many other properties in the surrounding area are listed in various environmental databases, ECT does not believe they are environmentally significant to the Subject Property based on their relative distances and/or inferred direction of groundwater flow.

6.4 Unmappable Properties

EDR also provides an unmappable (or "orphan") summary list which identifies properties that cannot be mapped due to poor or inadequate address information. One orphan (i.e. unmappable) site was identified by EDR; however, based on the provided information, it is believed to be located over one mile to the south from the Subject Property.

7.0 Regulatory Agency Records Review

7.1 State Environmental Agency

ECT requested regulatory files associated with the database listings for the Subject Property, the former parent parcel, and the east adjoining property. Records were requested from EGLE via their online FOIA portal system, and an extensive amount of files related to the Subject Property and its former parent parcel were provided to ECT. A summary of the pertinent records reviewed is provided below.

1994 CONFIRMED RELEASE REPORT	
Document Name:	Confirmed Release Report: City of Imlay Department of Public Works
Prepared By:	WW Engineering & Science, Inc.
Date:	July 19, 1994
Comments:	Release identified on July 18, 1994 at UST #1 (2,000-gallon diesel) and UST #2 (2,000-gallon gasoline) based on laboratory test results.

1995 HYDROGEOLOGIC INVESTIGATION	
Document Name:	Phase II Hydrogeologic Investigation Work Plan: Department of Public Works
Prepared By:	Earth Tech
Date:	February 1995
Comments:	Approximately 65 cubic yards of soil were removed during the removal of the UST #1 and UST #2, as well as free product recovery.

2002 CONFIRMED RELEASE REPORT	
Document Name:	Confirmed Release Report: City of Imlay Public Works
Prepared By:	AKT Peerless Environmental Services
Date:	January 24, 2002
Comments:	Release identified on January 23, 2002 at UST #3 (275-gallon gasoline) based on stained soil and strong petroleum odor.

2003 FINAL ASSESSMENT REPORT	
Document Name:	Final Assessment Report: 400 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	September 23, 2003
Comments:	A vacuum recovery unit and remedial system were utilized, in which a total of 49,829 gallons of impacted water and free product were recovered.

2007 STATUS REPORT	
Document Name:	Free Product and Corrective Action Plan State Report: 400, 410, and 420 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	April 20, 2007
Comments:	Reported that additional impacted soil was excavated in March 2006 (occurring at east adjoining property). Free product had not been observed since June 2004.

2010 CORRECTIVE ACTION STATUS REPORT	
Document Name:	Corrective Action Plan Status Report: 400, 410, and 420 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	September 2, 2010
Comments:	Included additional groundwater monitoring activities. Contamination plume was deemed stable.

2013 CLOSURE REPORT	
Document Name:	Leaking Underground Storage Tank Closure Report: City of Imlay City Former DPW
Prepared By:	Huron Consultants
Date:	February 18, 2013
Comments:	Between 2011 and 2012, Huron Consultants conducted additional groundwater monitoring and soil boring/sampling activities. No free product (LNAPL) was observed during the events.

2015 LIMITED SITE INVESTIGATION	
Document Name:	Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763
Prepared By:	Mannik & Smith Group, Inc.
Date:	August 25, 2015
Comments:	Summary provided in Section 5.4.

2017 CORRESPONDANCE	
Document Name:	Confirmed Underground Storage Tank Site Release at 400 East Third Street, Imlay City, Lapeer County, Michigan; Facility ID 0-0014763
Prepared By:	Michigan Department of Environmental Quality
Date:	July 27, 2016 and March 17, 2017
Comments:	Sub-slab soil gas samples were collected from the east adjoining property. The analytical data was not included, but it is reported that results were below the residential and nonresidential soil gas screening levels.

In summary, three USTs have been removed from the Subject Property and/or former parent parcel: UST #1 (2,000-gallon gasoline) and UST #2 (2,000-gallon diesel) were removed on June 23, 1994 and UST #3 (275-gallon gasoline) was removed on January 22, 2002. Confirmed releases were reported following the removal of each UST; currently, all LUST incidents remain open. Additionally, limited information was available for a former heating oil UST that was formerly situated directly north of UST #3. A summary of the historical storage tanks associated with the Subject Property and/or the former parent parcel is provided below; refer to **Figure 2** for their locations.

UST No.	Size/Content	Removal Date
UST #1	2,000-gallon gasoline	June 23, 1994
UST #2	2,000-gallon diesel	June 23, 1994
UST #3	275-gallon gasoline	January 22, 2002
N/A	500-gallon heating oil	Unknown. Limited information is available regarding this tank except for being depicted on historical site maps as "removed."

Various consultants have conducted historical activities as a result of the LUST incidents, including UST removals, soil excavation and disposal, soil and groundwater sampling, remediation system installation and operation, and vacuum enhanced recovery to remove product from monitoring wells. In total, approximately 925-gallons of free product, approximately 86,852-gallons of groundwater, and approximately 805 cubic yards of impacted soil were removed, recovered, and/or remediated. Groundwater has been encountered as shallow as five feet and as deep as 18 feet below ground. Impacted groundwater has reportedly migrated in the easterly and southeasterly directions and has impacted surrounding properties. Light non-aqueous phase liquids (LNAPL) (formerly called free product) has not been observed since June 2004.

ECT evaluated analytical results post remedial activities, including results from the the 2013 Closure Report (Huron Consultants), the 2015 Limited Investigation (Mannik & Smith Group), and the 2022 Phase I ESA (ECT) summarized in Section 5.4. Excerpts from these reports are included in the appendices (**Prior Report Excerpts**). **Based on the analytical results of recent sampling investigations (2011-2022), soil and groundwater at the Subject Property remain impacted with various VOCs, including but not limited to benzene, ethylbenzene, 2-methylnaphalene, naphthalene, n-propylbenzene, 1,2,4-TMB, 1,3,5-TMB, toluene, and xylenes with concentrations exceeding the EGLE Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels. Additionally, the concentrations of several VOCs also exceed the residential and nonresidential VIAP screening levels. It is the opinion of the EP that this finding constitutes a REC.**

Lastly, a summary of the records reviewed regarding the east adjoining property is provided below:

2007 BEA (EAST ADJOINING - SCHOENHALS MOTOR SALES INC)	
Document Name:	Baseline Environmental Assessment: 418-420 East Third Street and 21 North Cedar Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	January 23, 2007
Comments:	The east adjoining property operated as an automotive dealership and/or service station as early as the 1930s until the 1970s.

Based on analytical results from soil and groundwater sampling conducted between 2005 and 2006, migration of petroleum impact to the soil and groundwater was identified at the east adjoining property from the LUST incidents at the Subject Property and former parent parcel. BTEX compounds, 1,2,3-TMB, 1,3,5-TMB, naphthalene, and/or lead were identified in soil and groundwater samples with concentrations exceeding the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels.

7.2 Oil and Gas Pipelines/Wells

ECT reviewed the National Pipeline Mapping System (NPMS) to evaluate if pipelines are located at the Subject Property. No pipelines are located on or within close proximity of the Subject Property. In addition, ECT reviewed the EGLE Oil, Gas, and Minerals Division's GeoWebFace. According to the EGLE Oil, Gas, and Minerals Division, no active or inactive oil/gas wells are depicted on or directly adjoining the Subject Property.

8.0 Vapor Encroachment Screening

A Vapor Encroachment Screening was conducted in general accordance with ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. A Vapor Encroachment Condition (VEC) is the presence or likely presence of COC vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property. This screening is intended to reduce, but not eliminate, uncertainty regarding whether or not a VEC exists in connection with a property.

Based on previous investigations conducted at the Subject Property onsite and directly adjoining the Subject Property to the south, a VEC exists at the Subject Property due the elevated concentrations of volatile and semi-volatile compounds present in soil, groundwater, and soil gas. Refer to the analytical summaries provided in Section 5.4 and Section 7.1.

9.0 Interviews

9.1 Past and Present Owners

The Subject Property is owned by Imlay City. ECT interviewed Mr. Brett Shelby, Imlay City Police Officer, during the site reconnaissance on December 5, 2023. No additional information was provided to ECT since past interviews with Ms. Lorrelei Natke, former Director of Imlay City Downtown Development Authority during the 2022 Phase I ESA and with Mr. Shelby from earlier this year. Both representatives were aware that extensive sampling investigations have been historically conducted at the Subject Property and/or former parent parcel. Documentation is included in the appendices (**Owner Interview Documentation**).

9.2 Local Government Officials

The following local government officials were interviewed as part of this assessment:

COUNTY HEALTH	
Agency:	Lapeer County Heath Department
Contact Name:	Ms. Edith Baker
Title:	Not disclosed
Method:	Telephone
Comments:	Indicated that the county does not maintain records for municipal properties.

LOCAL FIRE	
Agency:	Imlay City Fire Department
Contact Name:	Mr. Rick Horton
Title:	Fire Chief
Method:	Telephone
Comments:	Indicated they do not maintain records for municipal properties. He indicated there has been historical soil sampling, but was not aware of copies of records.

Copies of state and/or local government correspondence and any provided documents are included in the appendices (**Local Interview Documentation**).

10.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW	
Site Reconnaissance Date:	December 5, 2023
ECT Assessor(s) Name & Title:	Ms. Maura Gibbons - Scientist
Escort & Relationship to Property:	Mr. Brett Shelby, Imlay City Police Officer
Methodology:	Walking inspection of the entire Subject Property and interior buildings unless otherwise disclosed as a limiting condition (see below; refer to Section 2.5).
Access Limitations:	No access to subgrade crawl space; visually inspected from opening of first floor.
SUBJECT PROPERTY CONDITIONS	
Weather:	Approx. 35°F and cloudy - slight precipitation
General Topography:	Abrupt slope along eastern boundary.
Current Use:	Subject Property is mostly vacant except for minimal Imlay City implement storage (furniture.).
Roads and Corridors:	East Third Street and a driveway access borders the northern and southern edges of the Subject Property, respectively.
Other Transportation Corridors:	A railroad easement is located approximately 100 feet to the south.
Exterior Storage Areas:	None. It should be noted that prior reports identified Imlay City implement storage to the west of the structure, including traffic barricades and fence posts; however, those materials have been removed.
Surface Water:	None

10.1 Subject Property Reconnaissance Summary

Photographs taken during the reconnaissance are provided in the appendices (**Photographic Documentation**).

OBSERVATION	YES	NO
Hazardous Substances and/or Petroleum Products in Connection with Property Use	☐	✔
Hazardous Substances and/or Petroleum Products not in Connection with Property Use	☐	✔
Aboveground Storage Tanks (ASTs)	☐	✔
Underground Storage Tanks (USTs), vent pipes, fill pipes, or access ways indicating USTs may be present	☐	✔
Unidentified Substance Containers	☐	✔
Strong, Pungent, or Noxious Odors	☐	✔
Drains, Sumps, Clarifiers, or Pools of Liquid	✔	☐
Electrical or Hydraulic Equipment Likely to Contain Fluids	☐	✔
Staining or Stressed Vegetation	☐	✔
Pits, Ponds, Ditches, Streams, or Lagoons	☐	✔
Solid Waste Disposal	☐	✔
Evidence of Fill Materials or Dumping of Debris	✔	☐

OBSERVATION	YES	NO
Wastewater or Storm Water Discharges	☐	✔
Wells	✔	☐
Septic Systems	☐	✔
Other	✔	☐

10.2 Underground Storage Tanks

There are no current or active USTs present at the Subject Property. A suspect remaining vent pipe is located along the eastern wall of the building related to a former heating oil tank. Refer to Section 7.1 for a summary of historical USTs associated with the Subject Property and/or former parent parcel.

10.3 Unidentified Substance Containers

It should be noted that prior reports identified three 55-gallon metal storage drums on the west and south adjoining properties. Two of the drums were observed to the west in connection with other Imlay City implement storage, and one of drums was observed to the south towards the railroad easement. All adjoining drums had appeared empty, and no ground staining had been observed surrounding the drums. During the site reconnaissance for this current assessment, these storage drums appeared to have been removed.

10.4 Drains, Sumps, Clarifiers, or Pools of Liquid

ECT observed a sloped trench connected to a floor drain within the former garage area, situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight oil sheen. No odors were observed at the floor drain. Refer to Section 5.2 for a discussion of historical automotive operations at the Subject Property.

10.5 Solid Waste Disposal, Fill Materials, or Debris

It should be noted that prior reports had identified exterior implement storage and/or solid waste, such as former concrete traffic barricades and fence posts to the west of the Subject Property. However, during the site reconnaissance for this current assessment, these materials appeared to have been removed.

10.6 Wells

Numerous monitoring wells were observed on and adjoining the Subject Property, primarily to the east and south of the structure, in connection with the historic LUST investigation activities (refer Section 7.1). The monitoring wells appeared in varying conditions, with some wells missing surface coverings. A former groundwater remedial system was observed approximately 75 feet to the south of the Subject Property also in connection with the historic LUST remedial activities. The system appeared inactive.

In addition, a former water cistern (concrete square structure) was observed approximately 60 feet to the west from the Subject Property. Based on information from the owner representatives and ascertainable information from a Phase I ESA that was prepared for the former parent parcel (406 East Third Street) by AKT Peerless and dated July 14, 2023, the cistern is connected to an 80,000-gallon reservoir and has been inactive since the 1950s. The cistern reportedly still contains water.

10.7 Other Field Observations

Although considered a non-scope consideration, based on the age of the structure, suspect asbestos-containing materials, (i.e. floor tiles, wall/ceiling boards, dropped ceiling tiles) and chipping paint suspected as support lead were observed at the Subject Property.

11.0 Environmental Professional Statement

I, Dirk Mammen, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §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. A copy of the EP's resume, as well as others involved in the completion of this assessment, are included in the appendices (**Resumes of Environmental Consultants**).

Dirk Mammen
Vice President
Environmental Professional

12.0 Non-Scope Considerations

No non-scope considerations as defined in Appendix X5 of ASTM E1527-21 were included as part of this assessment.

13.0 References

REFERENCED ITEM OR AGENCY	PUBLICATION OR INQUIRY DATE(S)	SOURCE
Aerial Photographs	May 17, 2023	EDR
	March 24, 2019	Google Earth™
Assessor Information	August 1, 2023	BS&A Imlay City
City Directories	May 19, 2023	EDR
Depth to Groundwater Information	2022	ECT
Fire Department(s)	May 31, 2022	Imlay City Fire Department
Fire Insurance Maps	May 17, 2023	EDR
Geology Information	May 17, 2023	EDR
	May 17, 2023	EGLE GeoWebFace
	May 17, 2023	MSU Physiographic Region Map
Health Department(s)	May 27, 2022	Lapeer County Heath Department
Oil and Gas Authority	December 5, 2023	EGLE Oil, Gas, and Minerals Division
Owner Interview	December 5, 2023	Mr. Brett Shelby, Imlay City Police Officer
Pipeline Information	December 5, 2023	NPMS
Regulatory Database Report	December 5, 2023	EDR
Soils Information	May 17, 2022	EDR
Standard Practice	2021	ASTM Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*
State Environmental Agency	May 2022	EGLE
Topographic Maps	2019	USGS (*Imlay City*, *Michigan*)
	May 17, 2023	EDR

Appendix A

Figures

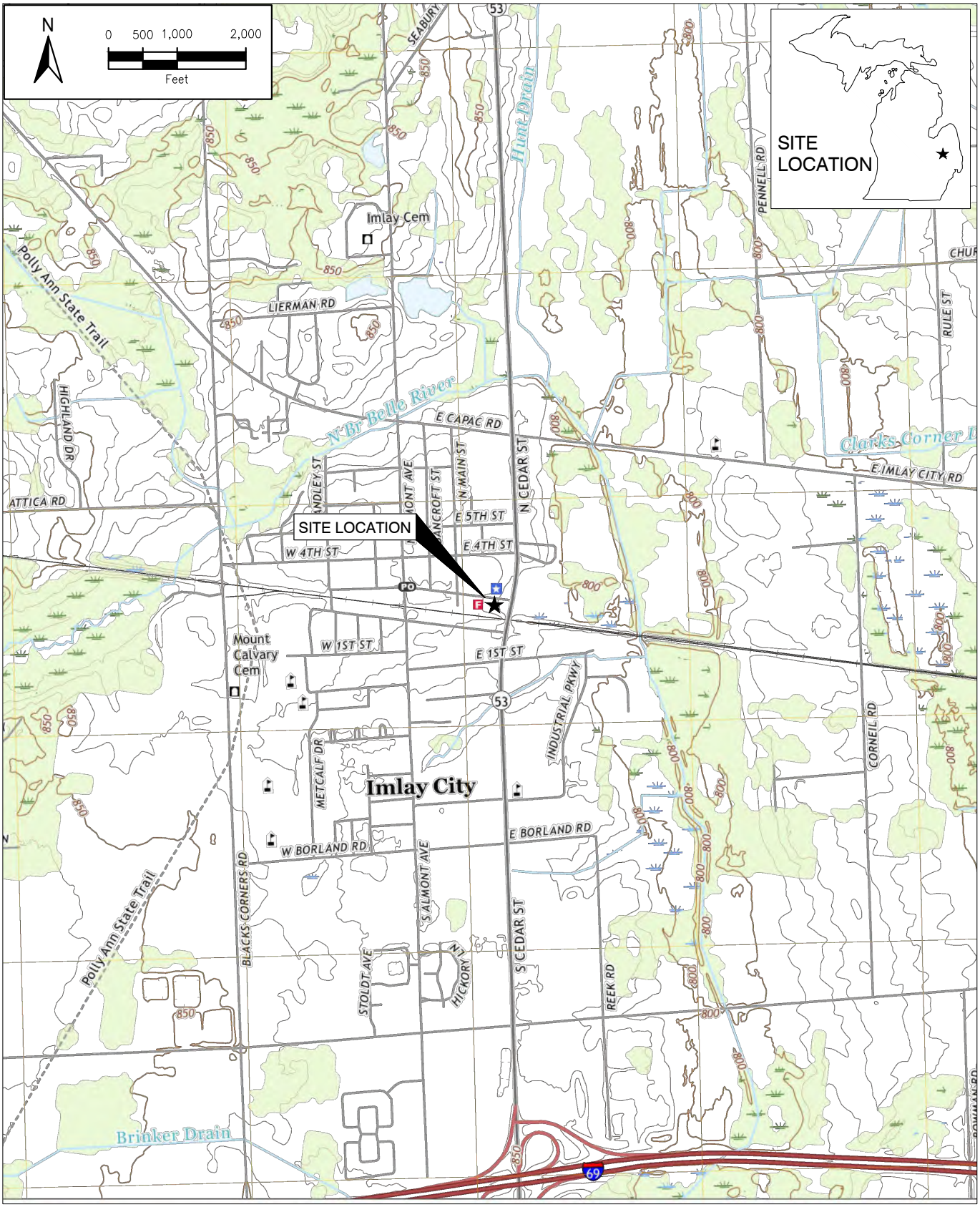


FIGURE 1.
USGS TOPOGRAPHIC MAP
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: USGS 7.5' Topographic Map, 2019; ECT, 2022.

ECT

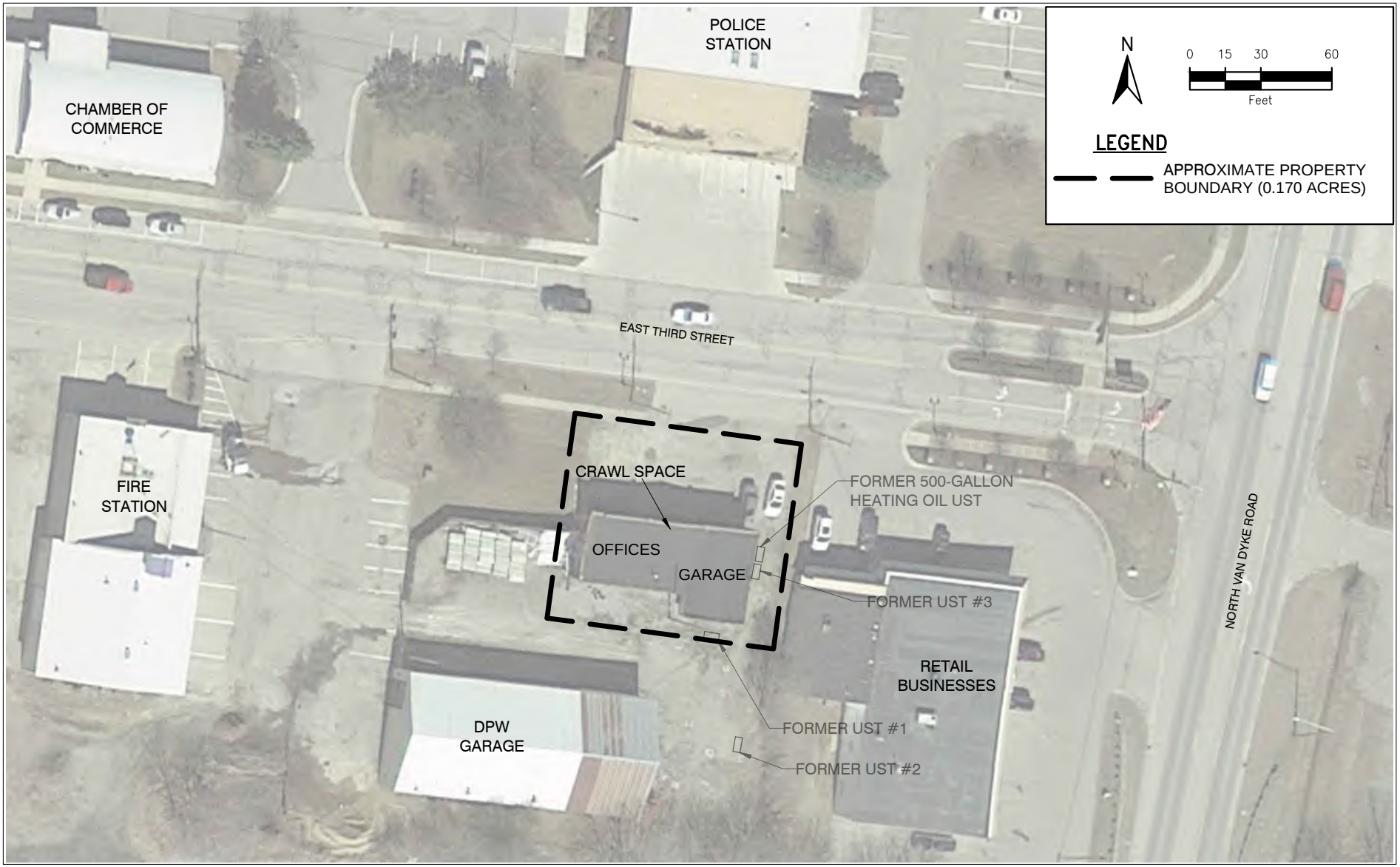
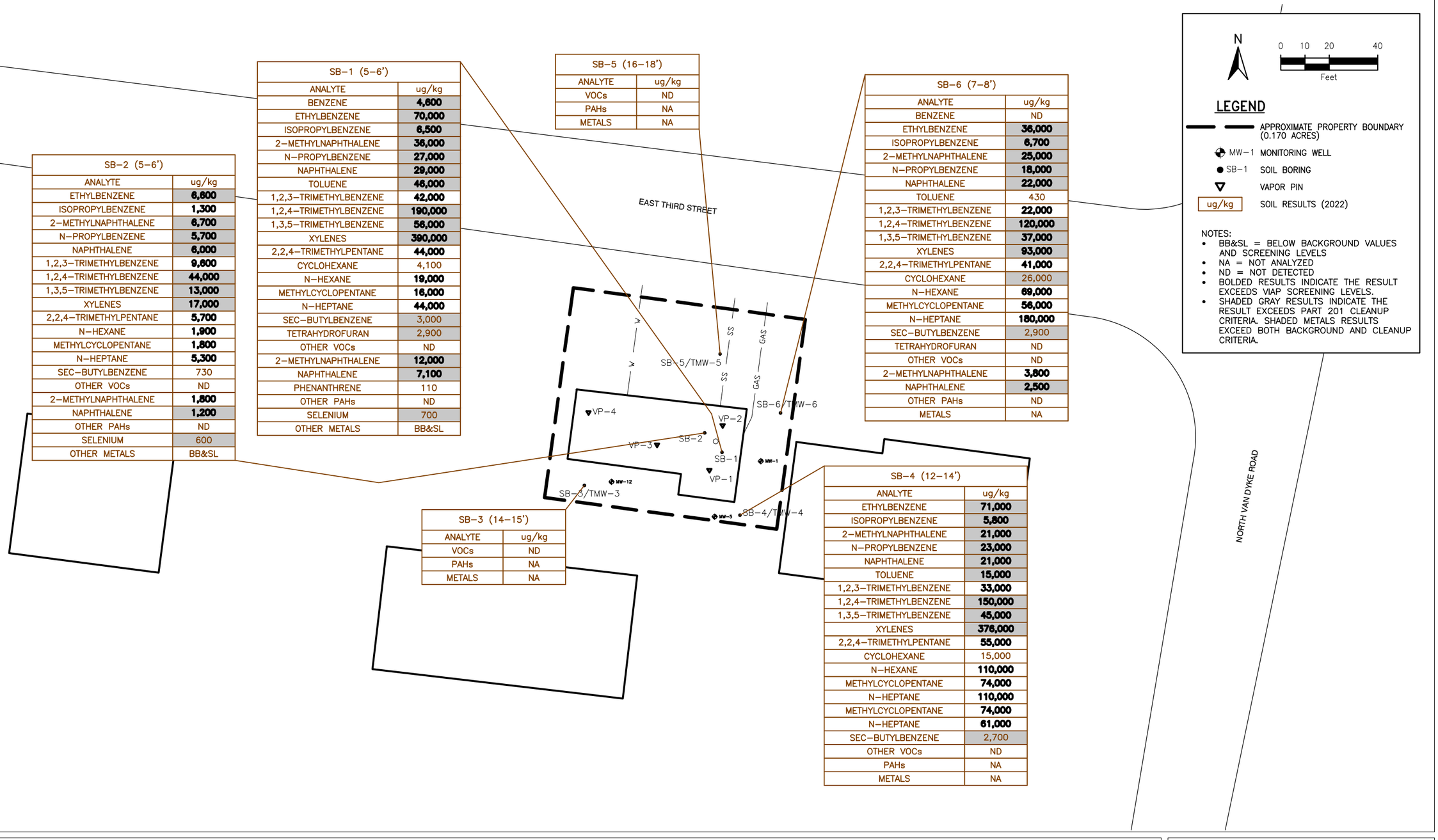


FIGURE 2.
SUBJECT PROPERTY OVERVIEW
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022 (imagery date: 3/24/19), ECT, 2022.



SB-2 (5-6')	
ANALYTE	ug/kg
ETHYLBENZENE	**6,800**
ISOPROPYLBENZENE	**1,300**
2-METHYLNAPHTHALENE	**6,700**
N-PROPYLBENZENE	**5,700**
NAPHTHALENE	**6,000**
1,2,3-TRIMETHYLBENZENE	**9,600**
1,2,4-TRIMETHYLBENZENE	**44,000**
1,3,5-TRIMETHYLBENZENE	**13,000**
XYLENES	**17,000**
2,2,4-TRIMETHYLPENTANE	**5,700**
N-HEXANE	**1,900**
METHYLCYCLOPENTANE	**1,800**
N-HEPTANE	**5,300**
SEC-BUTYLBENZENE	730
OTHER VOCs	ND
2-METHYLNAPHTHALENE	**1,800**
NAPHTHALENE	**1,200**
OTHER PAHs	ND
SELENIUM	600
OTHER METALS	BB&SL

SB-1 (5-6')	
ANALYTE	ug/kg
BENZENE	**4,600**
ETHYLBENZENE	**70,000**
ISOPROPYLBENZENE	**6,500**
2-METHYLNAPHTHALENE	**36,000**
N-PROPYLBENZENE	**27,000**
NAPHTHALENE	**29,000**
TOLUENE	**46,000**
1,2,3-TRIMETHYLBENZENE	**42,000**
1,2,4-TRIMETHYLBENZENE	**190,000**
1,3,5-TRIMETHYLBENZENE	**56,000**
XYLENES	**390,000**
2,2,4-TRIMETHYLPENTANE	**44,000**
CYCLOHEXANE	4,100
N-HEXANE	**19,000**
METHYLCYCLOPENTANE	**16,000**
N-HEPTANE	**44,000**
SEC-BUTYLBENZENE	3,000
TETRAHYDROFURAN	2,900
OTHER VOCs	ND
2-METHYLNAPHTHALENE	**12,000**
NAPHTHALENE	**7,100**
PHENANTHRENE	110
OTHER PAHs	ND
SELENIUM	700
OTHER METALS	BB&SL

SB-5 (16-18')	
ANALYTE	ug/kg
VOCs	ND
PAHs	NA
METALS	NA

SB-6 (7-8')	
ANALYTE	ug/kg
BENZENE	ND
ETHYLBENZENE	**36,000**
ISOPROPYLBENZENE	**6,700**
2-METHYLNAPHTHALENE	**25,000**
N-PROPYLBENZENE	**18,000**
NAPHTHALENE	**22,000**
TOLUENE	430
1,2,3-TRIMETHYLBENZENE	**22,000**
1,2,4-TRIMETHYLBENZENE	**120,000**
1,3,5-TRIMETHYLBENZENE	**37,000**
XYLENES	**93,000**
2,2,4-TRIMETHYLPENTANE	**41,000**
CYCLOHEXANE	26,000
N-HEXANE	**69,000**
METHYLCYCLOPENTANE	**56,000**
N-HEPTANE	**180,000**
SEC-BUTYLBENZENE	2,900
TETRAHYDROFURAN	ND
OTHER VOCs	ND
2-METHYLNAPHTHALENE	**3,800**
NAPHTHALENE	**2,500**
OTHER PAHs	ND
METALS	NA

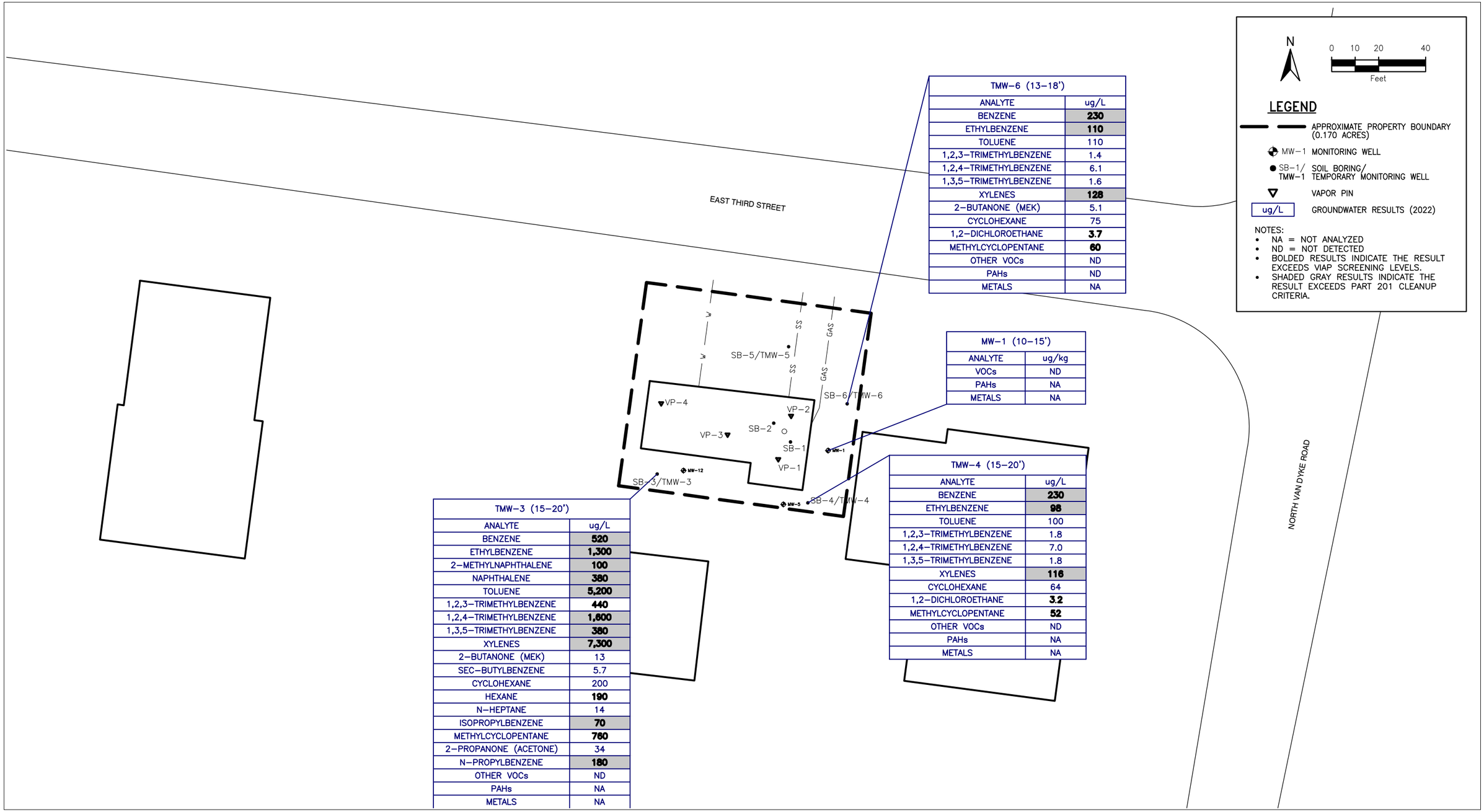
SB-3 (14-15')	
ANALYTE	ug/kg
VOCs	ND
PAHs	NA
METALS	NA

SB-4 (12-14')	
ANALYTE	ug/kg
ETHYLBENZENE	**71,000**
ISOPROPYLBENZENE	**5,800**
2-METHYLNAPHTHALENE	**21,000**
N-PROPYLBENZENE	**23,000**
NAPHTHALENE	**21,000**
TOLUENE	**15,000**
1,2,3-TRIMETHYLBENZENE	**33,000**
1,2,4-TRIMETHYLBENZENE	**150,000**
1,3,5-TRIMETHYLBENZENE	**45,000**
XYLENES	**376,000**
2,2,4-TRIMETHYLPENTANE	**55,000**
CYCLOHEXANE	15,000
N-HEXANE	**110,000**
METHYLCYCLOPENTANE	**74,000**
N-HEPTANE	**110,000**
METHYLCYCLOPENTANE	**74,000**
N-HEPTANE	**61,000**
SEC-BUTYLBENZENE	2,700
OTHER VOCs	ND
PAHs	NA
METALS	NA

FIGURE 3.
SOIL ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.

ECT



TMW-6 (13-18')	
ANALYTE	ug/L
BENZENE	**230**
ETHYLBENZENE	**110**
TOLUENE	110
1,2,3-TRIMETHYLBENZENE	1.4
1,2,4-TRIMETHYLBENZENE	6.1
1,3,5-TRIMETHYLBENZENE	1.6
XYLENES	**128**
2-BUTANONE (MEK)	5.1
CYCLOHEXANE	75
1,2-DICHLOROETHANE	**3.7**
METHYLCYCLOPENTANE	**60**
OTHER VOCs	ND
PAHs	ND
METALS	NA

MW-1 (10-15')	
ANALYTE	ug/kg
VOCs	ND
PAHs	NA
METALS	NA

TMW-4 (15-20')	
ANALYTE	ug/L
BENZENE	**230**
ETHYLBENZENE	**98**
TOLUENE	100
1,2,3-TRIMETHYLBENZENE	1.8
1,2,4-TRIMETHYLBENZENE	7.0
1,3,5-TRIMETHYLBENZENE	1.8
XYLENES	**116**
CYCLOHEXANE	64
1,2-DICHLOROETHANE	**3.2**
METHYLCYCLOPENTANE	**52**
OTHER VOCs	ND
PAHs	NA
METALS	NA

TMW-3 (15-20')	
ANALYTE	ug/L
BENZENE	**520**
ETHYLBENZENE	**1,300**
2-METHYLNAPHTHALENE	**100**
NAPHTHALENE	**380**
TOLUENE	**5,200**
1,2,3-TRIMETHYLBENZENE	**440**
1,2,4-TRIMETHYLBENZENE	**1,600**
1,3,5-TRIMETHYLBENZENE	**380**
XYLENES	**7,300**
2-BUTANONE (MEK)	13
SEC-BUTYLBENZENE	5.7
CYCLOHEXANE	200
HEXANE	**190**
N-HEPTANE	14
ISOPROPYLBENZENE	**70**
METHYLCYCLOPENTANE	**760**
2-PROPANONE (ACETONE)	34
N-PROPYLBENZENE	**180**
OTHER VOCs	ND
PAHs	NA
METALS	NA

FIGURE 4.
GROUNDWATER ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.

ECT

VP-4 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	3.7
1,2,4-TRIMETHYLBENZENE	15
1,3,5-TRIMETHYLBENZENE	4.4
1,3-DICHLOROBENZENE	ND
2,2,4-TRIMETHYLPENTANE	3.7
4-METHYL-2-PENTANONE	7.3
BENZENE	2.6
BROMOFLUOROBENZENE	142
CHLOROMETHANE	0.65
CYCLOHEXANE	2.1
DICHLORODIFLUOROMETHANE	2.5
ETHYLBENZENE	13
HEXANE	35
ISOPROPYLBENZENE	ND
METHYLENE CHLORIDE	ND
N-PROPYLBENZENE	3.2
SEC-BUTYLBENZENE	ND
TETRACHLOROETHYLENE	8.9
TOLUENE	26
TRICHLOROFLUOROMETHANE	ND
XYLENES	53
OTHER VOCs	ND

VP-2 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	4.1
1,2,4-TRIMETHYLBENZENE	12
1,3,5-TRIMETHYLBENZENE	4.2
1,3-DICHLOROBENZENE	1.8
2,2,4-TRIMETHYLPENTANE	10
4-METHYL-2-PENTANONE	ND
BENZENE	7.9
BROMOFLUOROBENZENE	ND
CHLOROMETHANE	ND
CYCLOHEXANE	21
DICHLORODIFLUOROMETHANE	2.4
ETHYLBENZENE	12
HEXANE	14
ISOPROPYLBENZENE	2.4
METHYLENE CHLORIDE	2.0
N-PROPYLBENZENE	3.3
SEC-BUTYLBENZENE	ND
TETRACHLOROETHYLENE	47
TOLUENE	24
TRICHLOROFLUOROMETHANE	1.6
XYLENES	37
OTHER VOCs	ND

VP-3 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	110
1,2,4-TRIMETHYLBENZENE	400
1,3,5-TRIMETHYLBENZENE	170
1,3-DICHLOROBENZENE	ND
2,2,4-TRIMETHYLPENTANE	41
4-METHYL-2-PENTANONE	ND
BENZENE	7.4
BROMOFLUOROBENZENE	150
CHLOROMETHANE	ND
CYCLOHEXANE	8.8
DICHLORODIFLUOROMETHANE	ND
ETHYLBENZENE	130
HEXANE	ND
ISOPROPYLBENZENE	24
METHYLENE CHLORIDE	ND
N-PROPYLBENZENE	68
SEC-BUTYLBENZENE	11
TETRACHLOROETHYLENE	ND
TOLUENE	150
TRICHLOROFLUOROMETHANE	ND
XYLENES	730
OTHER VOCs	ND

VP-1 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	ND
1,2,4-TRIMETHYLBENZENE	ND
1,3,5-TRIMETHYLBENZENE	ND
1,3-DICHLOROBENZENE	ND
2,2,4-TRIMETHYLPENTANE	890,000
4-METHYL-2-PENTANONE	ND
BENZENE	16,000
BROMOFLUOROBENZENE	145
CHLOROMETHANE	ND
CYCLOHEXANE	110,000
DICHLORODIFLUOROMETHANE	ND
ETHYLBENZENE	ND
HEXANE	320,000
ISOPROPYLBENZENE	ND
METHYLENE CHLORIDE	ND
N-PROPYLBENZENE	ND
SEC-BUTYLBENZENE	ND
TETRACHLOROETHYLENE	ND
TOLUENE	ND
TRICHLOROFLUOROMETHANE	ND
XYLENES	ND
OTHER VOCs	ND

EAST THIRD STREET

NORTH VAN DYKE ROAD

SB-5/TMW-5

SB-6/TMW-6

SB-2

SB-1

SB-3/TMW-3

SB-4/TMW-4

VP-4

VP-2

VP-3

VP-1

MW-12

MW-1

MW-5

N

0 10 20 40

Feet

LEGEND

APPROXIMATE PROPERTY BOUNDARY (0.170 ACRES)

MW-1 MONITORING WELL

SB-1/ TMW-1 SOIL BORING/ TEMPORARY MONITORING WELL

VAPOR PIN

ug/m3 SOIL GAS RESULTS (2022)

NOTES:
- ND = NOT DETECTED
- SHADED GRAY RESULTS INDICATE THE RESULT EXCEEDS VIAP SCREENING LEVELS.

FIGURE 5.
SOIL GAS ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.

ECT

Appendix B

Data Tables

Table 1. Soil Analytical Summary

400 and 410 East Third Street, Imlay City, MI

Matrix: Soil

Cleanup Criteria: Residential/Nonresidential

	Chemical Abstract Service Numbers	Statewide Default Background Levels	Part 201 Cleanup Criteria / Part 213 Risk-Based Screening Levels (June 2018)					VIAP (2020)		Sample Locations (and Depths)						
			Residential					Residential	Nonres	ECT 2022						
			Drinking Water Protection Criteria	GSI Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation	Direct Contact Criteria	Screening Levels	Screening Levels	SB-1 (5-6) 8/16/22	SB-2 (5-6) 8/16/22	SB-3 (14-15') 8/16/22	SB-4 (12-14') 8/16/22	SB-5 (16-18') 8/16/22	SB-6 (7-8') 8/16/22	SB-1 DUP (5-6') 8/16/22
VOC, ug/kg - Method 8260M, 8260																
Benzene	71432	NA	**100**	**240**	**1,600**	13,000	180,000	**1.7**	**47**	**4,600**	<600	<79	<2,400	<60	<240	**4,800**
Ethylbenzene	100414	NA	**1,500**	**360**	87,000	720,000	22,000,000	**12**	**340**	**70,000**	**6,600**	<79	**71,000**	<60	**36,000**	**79,000**
Isopropylbenzene	98828	NA	91,000	**3,200**	400,000	1,700,000	25,000,000	**3.8**	**110**	**6,500**	**1,300**	<79	**5,800**	<60	**6,700**	**7,700**
2-Methylnaphthalene	91576	NA	57,000	**4,200**	2,700,000	1,500,000	8,100,000	**1,700**	**30,000**	**36,000**	**6,700**	<400	**21,000**	<300	**25,000**	**44,000**
n-Propylbenzene	103651	NA	**1,600**	ID	ID	ID	2,500,000	**1,800**	**21,000**	**27,000**	**5,700**	<79	**23,000**	<60	**18,000**	**32,000**
Naphthalene	91203	NA	35,000	**730**	250,000	300,000	16,000,000	**67**	**1,900**	**29,000**	**6,000**	<400	**21,000**	<300	**22,000**	**34,000**
Toluene	108883	NA	**16,000**	**5,400**	330,000	2,800,000	50,000,000	**3,700**	64,000	**46,000**	<600	<79	**15,000**	<60	430	**51,000**
1,2,3-Trimethylbenzene	526738	NA	NA	NA	NA	NA	NA	**270**	**4,800**	**42,000**	**9,600**	<79	**33,000**	<60	**22,000**	**48,000**
1,2,4-Trimethylbenzene	95636	NA	**2,100**	**570**	4,300,000	21,000,000	32,000,000	**150**	**2,600**	**190,000**	**44,000**	<79	**150,000**	<60	**120,000**	**220,000**
1,3,5-Trimethylbenzene	108678	NA	**1,800**	**1,100**	2,600,000	16,000,000	32,000,000	**100**	**1,800**	**56,000**	**13,000**	<79	**45,000**	<60	**37,000**	**66,000**
Xylenes	1330207	NA	**5,600**	**980**	6,300,000	46,000,000	410,000,000	**280**	**5,000**	**390,000**	**17,000**	<79	**376,000**	<60	**93,000**	**450,000**
2,2,4-Trimethylpentane	540841	NA	ID	NA	110,000	5,200,000	ID	**130**	**2,200**	**44,000**	**5,700**	<400	**55,000**	<300	**41,000**	**48,000**
Cyclohexane	108941	NA	5,200,000	NA	**17,000**	1,000,000	1,000,000,000	68,000	1,200,000	4,100	<3,000	<400	15,000	<300	26,000	4,300
n-Hexane	110543	NA	180,000	NA	510,000	3,000,000	92,000,000	**25**	**440**	**19,000**	**1,900**	<79	**110,000**	<60	**69,000**	**20,000**
Methylcyclopentane	96377	NA	ID	NA	92,000	2,300,000	ID	**29**	**510**	**16,000**	**1,800**	<79	**74,000**	<60	**56,000**	**17,000**
n-Heptane	142825	NA	46,000,000	NA	1,500,000	21,000,000	990,000,000	**130**	**2,300**	**44,000**	**5,300**	<79	**61,000**	<60	**180,000**	**43,000**
sec-Butylbenzene	135988	NA	**1,600**	ID	ID	ID	2,500,000	3,800	66,000	3,000	730	<79	2,700	<60	2,900	3,700
Tetrahydrofuran	109999	NA	**1,900**	7,700	1,300,000	13,000,000	2,900,000	13,000	220,000	2,900	<3,000	<400	<12,000	<300	<1,200	<1,200
PAH, ug/kg - Method 8270																
2-Methylnaphthalene	91576	NA	57,000	**4,200**	2,700,000	1,500,000	8,100,000	**1,700**	30,000	**12,000**	**1,800**	na	na	na	**3,800**	**13,000**
Acenaphthene	83329	NA	300,000	8,700	190,000,000	81,000,000	41,000,000	200,000	3,600,000	<110	<110	na	na	na	<110	<110
Acenaphthylene	208968	NA	5,900	ID	1,600,000	2,200,000	1,600,000	NA	NA	<110	<110	na	na	na	<110	<110
Anthracene	120127	NA	41,000	ID	1,000,000,000	1,400,000,000	230,000,000	13,000,000	220,000,000	<110	<110	na	na	na	<110	<110
Benzo(a)anthracene	56553	NA	NLL	NLL	NLV	NLV	20,000	160,000	11,000,000	<110	<110	na	na	na	<110	<110
Benzo(a)pyrene	50328	NA	NLL	NLL	NLV	NLV	2,000	NA	NA	<220	<220	na	na	na	<220	<220
Benzo(b)fluoranthene	205992	NA	NLL	NLL	ID	ID	20,000	NA	NA	<220	<220	na	na	na	<220	<220
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLV	NLV	2,500,000	NA	NA	<220	<220	na	na	na	<220	<220
Benzo(k)fluoranthene	207089	NA	NLL	NLL	NLV	NLV	200,000	NA	NA	<220	<220	na	na	na	<220	<220
Chrysene	218019	NA	NLL	NLL	ID	ID	2,000,000	NA	NA	<110	<110	na	na	na	<110	<110
Dibenzo(a,h)anthracene	53703	NA	NLL	NLL	NLV	NLV	2,000	NA	NA	<220	<220	na	na	na	<220	<220
Fluoranthene	206440	NA	730,000	5,500	1,000,000,000	740,000,000	46,000,000	NA	NA	<110	<110	na	na	na	<110	<110
Fluorene	86737	NA	390,000	5,300	580,000,000	130,000,000	27,000,000	470,000	8,300,000	<110	<110	na	na	na	<110	<110
Indeno(1,2,3-cd)pyrene	193395	NA	NLL	NLL	NLV	NLV	20,000	NA	NA	<220	<220	na	na	na	<220	<220
Naphthalene	91203	NA	35,000	**730**	250,000	300,000	16,000,000	**67**	**1,900**	**7,100**	**1,200**	na	na	na	**2,500**	**7,400**
Phenanthrene	85018	NA	56,000	2,100	2,800,000	160,000	1,600,000	1,700	29,000	110	<110	na	na	na	<110	120
Pyrene	129000	NA	480,000	ID	1,000,000,000	650,000,000	29,000,000	25,000,000	440,000,000	<110	<110	na	na	na	<110	<110
Total Metals, ug/kg - Method 6020/7470/7471																
Arsenic	7440382	5,800	4,600	4,600	NLV	NLV	7,600	NA	NA	5,400	5,700	na	na	na	na	na
Barium	7440393	75,000	1,300,000	440,000	NLV	NLV	37,000,000	NA	NA	31,000	26,000	na	na	na	na	na
Cadmium	7440439	1,200	6,000	3,000	NLV	NLV	550,000	NA	NA	<200	<200	na	na	na	na	na
Chromium	7440473	18,000	30,000	3,300	NLV	NLV	2,500,000	NA	NA	7,900	9,600	na	na	na	na	na
Copper	7440508	32,000	5,800,000	75,000	NLV	NLV	20,000,000	NA	NA	7,800	8,600	na	na	na	na	na
Lead (total)	7439921	21,000	700,000	2,500,000	NLV	NLV	400,000	NA	NA	4,500	5,200	na	na	na	na	na
Mercury (Total)	Varies	130	1,700	50	48,000	52,000	160,000	22	390	<50	<60	na	na	na	na	na
Selenium	7782492	**410**	4,000	**400**	NLV	NLV	2,600,000	NA	NA	700	600	na	na	na	na	na
Silver	7440224	1,000	4,500	100	NLV	NLV	2,500,000	NA	NA	<100	<100	na	na	na	na	na
Zinc	7440666	47,000	2,400,000	170,000	NLV	NLV	170,000,000	NA	NA	34,000	26,000	na	na	na	na	na

Abbreviations: ID = insufficient data to develop criterion
na = not analyzed
NA = not available
nd = not detected
NLL = not likely to leach under most soil conditions
NLV = not likely to volatilize under most conditions
VIAP = volatilization to indoor air pathway

Notes: bolded results indicates the result exceeds VIAP screening level, but not cleanup criteria
shaded result indicates the result exceeds cleanup criteria (for metals, shaded result exceeds both background levels and criteria)
shaded criterion or screening level indicates exceedance

Assumptions: hardness of receiving waters = 150 mg/L
protective for surface water that is used as a drinking water source

Table 2. Groundwater Analytical Summary

400 and 410 East Third Street, Imlay City, MI

Matrix: Groundwater

Cleanup Criteria: Residential/Nonresidential

	Chemical Abstract Service Numbers	Part 201 / Part 213 Cleanup Criteria (August 2020)			VIAP Screening Levels (2020)				Sample Locations				
		Residential	Res/Nonres	Residential	Residential		Nonresidential		ECT 2022				
		Drinking Water Criteria	GSI Criteria	Groundwater Volatization to Indoor Air	Shallow Groundwater	Groundwater Not in Contact	Shallow Groundwater	Groundwater Not in Contact	MW-1 (10-15') 8/16/22	TMW-3 (15-20') 8/16/22	TMW-4 (15-20') 8/16/22	TMW-6 (13-18') 8/16/22	TMW-6 DUP (13-18') 8/16/22
VOC, ug/l - Method 8260													
Benzene	71432	**5.0**	**12**	5,600	**1.0**	**28**	**8.4**	**66**	<1.0	**520**	**230**	<1.0	**230**
Ethylbenzene	100414	**74**	**18**	110,000	**2.8**	**74**	**28**	**170**	<1.0	**1,300**	**98**	1.3	**110**
2-Methylnaphthalene	91576	260	**19**	25,000	**66**	2,000	110	2,900	<5.0	**100**	<5.0	<5.0	<5.0
Naphthalene	91203	520	**11**	31,000	**4.2**	**130**	**12**	**300**	<5.0	**380**	<5.0	<5.0	<5.0
Toluene	108883	**790**	**270**	530,000	**300**	41,000	6,600	59,000	<1.0	**5,200**	100	<1.0	110
1,2,3-Trimethylbenzene	526738	NA	NA	NA	**43**	1,200	**150**	1,800	<1.0	**440**	1.8	1.3	1.4
1,2,4-Trimethylbenzene	95636	**63**	**17**	56,000	**25**	**670**	**120**	**990**	<1.0	**1,600**	7.0	2.9	6.1
1,3,5-Trimethylbenzene	108678	**72**	**45**	61,000	**18**	470	**110**	690	<1.0	**380**	1.8	1.3	1.6
Xylenes	1330207	**280**	**49**	190,000	**75**	**2,000**	**410**	**3,000**	<3.0	**7,300**	**116**	<3.0	**128**
2-Butanone (MEK)	78933	13,000	2,200	240,000,000	2,600	4,300,000	12,000	4,300,000	<5.0	13	<5.0	<5.0	5.1
n-Butylbenzene	104518	80	ID	ID	44	1,100	360	1,600	<1.0	<1.0	<1.0	1.1	<1.0
sec-Butylbenzene	135988	80	ID	ID	270	8,100	400	12,000	<1.0	5.7	<1.0	<1.0	<1.0
Cyclohexane	110827	NL	NL	NL	290	2,000	8,100	8,100	<5.0	200	64	<5.0	75
1,2-Dichloroethane	107062	5.0	6.0	9,600	**1.4**	41	5.1	97	<1.0	<1.0	**3.2**	<1.0	**3.7**
Hexane	110543	3,000	NA	12,000	**29**	**29**	1,000	1,000	<1.0	**190**	<1.0	<1.0	<1.0
n-Heptane	142825	2,700	NA	2,700	150	150	3,400	3,400	<1.0	14	<1.0	<1.0	<1.0
Isopropylbenzene	98828	800	**28**	56,000	**0.60**	**15**	**6.7**	**36**	<1.0	**70**	<1.0	<1.0	<1.0
Methylcyclopentane	96377	ID	NA	22,000	**30**	**93**	950	950	<1.0	**760**	**52**	7.9	**60**
2-Propanone (acetone)	67641	730	1,700	1,000,000,000	50,000	40,000,000	200,000	40,000,000	<20	34	<20	<20	<20
n-Propylbenzene	103651	**80**	ID	ID	**43**	6,100	970	6,100	<1.0	**180**	<1.0	2.6	<1.0
2,2,4-Trimethylpentane	540841	ID	NA	2,300	160	160	2,400	2,400	<5.0	13	<5.0	15	<5.0
PAH, ug/kg - Method 8270													
2-Methylnaphthalene	91576	260	19	25,000	66	2,000	110	2,900	na	na	na	<5.0	<5.0
Acenaphthene	83329	1,300	38	4,200	3,900	3,900	3,900	3,900	na	na	na	<1.0	<1.0
Acenaphthylene	208968	52	ID	3,900	65	65	710	710	na	na	na	<1.0	<1.0
Anthracene	120127	43	ID	43	43	43	43	43	na	na	na	<1.0	<1.0
Benzo(a)anthracene	56553	2.1	ID	NLV	9.4	9.4	9.4	9.4	na	na	na	<1.0	<1.0
Benzo(a)pyrene	50328	5.0	ID	NLV	NA	NA	NA	NA	na	na	na	<1.0	<1.0
Benzo(b)fluoranthene	205992	1.5	ID	ID	NA	NA	NA	NA	na	na	na	<1.0	<1.0
Benzo(g,h,i)perylene	191242	1.0	ID	NLV	NA	NA	NA	NA	na	na	na	<1.0	<1.0
Benzo(k)fluoranthene	207089	1.0	NA	NLV	NA	NA	NA	NA	na	na	na	<1.0	<1.0
Chrysene	218019	1.6	ID	ID	NA	NA	NA	NA	na	na	na	<1.0	<1.0
Dibenzo(a,h)anthracene	53703	2.0	ID	NLV	NA	NA	NA	NA	na	na	na	<2.0	<2.0
Fluoranthene	206440	210	1.6	210	NA	NA	NA	NA	na	na	na	<1.0	<1.0
Fluorene	86737	880	12	2,000	1,700	1,700	1,700	1,700	na	na	na	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	193395	2.0	ID	NLV	NA	NA	NA	NA	na	na	na	<2.0	<2.0
Naphthalene	91203	520	11	31,000	4	130	12	300	na	na	na	<1.0	<1.0
Phenanthrene	85018	52	2.0	1,000	10	290	15	420	na	na	na	<1.0	<1.0
Pyrene	129000	140	ID	140	140	140	140	140	na	na	na	<1.0	<1.0

Abbreviations: ID = insufficient data to develop criterion
na = not analyzed
NA = not available
nd = not detected
NLV = not likely to volatilize under most conditions
VIAP = volatilization to indoor air pathway

Notes: bolded results indicates the result exceeds VIAP screening level, but not cleanup criteria
shaded result indicates the result exceeds cleanup criteria
shaded criterion or screening level indicates exceedance

Table 3. Soil Gas Analytical Summary

400 and 410 East Third Street, Imlay City, MI

Matrix: Subslab Soil Gas

Cleanup Criteria: Residential and Nonresidential

	Chemical Abstract Service Numbers	VIAP Screening Levels (2020)		Sample Locations (and Depths)			
		Residential Soil Vapor	Nonresidential Soil Vapor	VP-1 (subslab) 8/16/22	VP-2 (subslab) 8/16/22	VP-3 (subslab) 8/16/22	VP-4 (subslab) 8/16/22
VOC, ug/m^3 - Method TO-15							
1,2,3-Trimethylbenzene	526738	2,100	3,100	nd	4.1	110	3.7
1,2,4-Trimethylbenzene	95636	2,100	3,100	nd	12	400	15
1,3,5-Trimethylbenzene	108678	2,100	3,100	nd	4.2	170	4.4
1,3-Dichlorobenzene	541731	100	150	nd	1.8	nd	nd
2,2,4-Trimethylpentane	540841	**120,000**	**180,000**	**890,000**	10	41	3.7
4-Methyl-2-pentanone (MIBK)	108101	27,000	27,000	nd	nd	nd	7.3
Benzene	71432	**110**	**260**	**16,000**	7.9	7.4	2.6
Bromofluorobenzene	460004	NL	NL	145	nd	150	142
Chloromethane	74873	3,100	4,600	nd	nd	nd	0.65
Cyclohexane	110827	210,000	310,000	110,000	21	8.8	2.1
Dichlorodifluoromethane	75718	11,000	17,000	nd	2.4	nd	2.5
Ethylbenzene	100414	340	800	nd	12	130	13
Hexane	110543	**24,000**	**36,000**	**320,000**	14	nd	35
Isopropylbenzene	98828	81	190	nd	2.4	24	nd
m & p - Xylene	1330207	7,600	11,000	-	25	520	39
Methylene chloride	75092	21,000	31,000	nd	2.0	nd	nd
n-Propylbenzene	103651	33,000	33,000	nd	3.3	68	3.2
o-Xylene	95476	NL	NL	nd	12	210	14
sec-Butylbenzene	135988	14	20	nd	nd	11	nd
Tetrachloroethylene	127184	1,400	1,400	nd	47	nd	8.9
Toluene	108883	170,000	250,000	nd	24	150	26
Trichlorofluoromethane	75694	15,000	22,000	nd	1.6	nd	nd
Xylenes	1330207	7,600	11,000	nd	37	730	53
Other VOCs	varies	varies	varies	nd	nd	nd	nd

Notes: nd = not detected
NA = not available
NL = not listed in the VIAP source tables
shaded results exceed VIAP screening levels

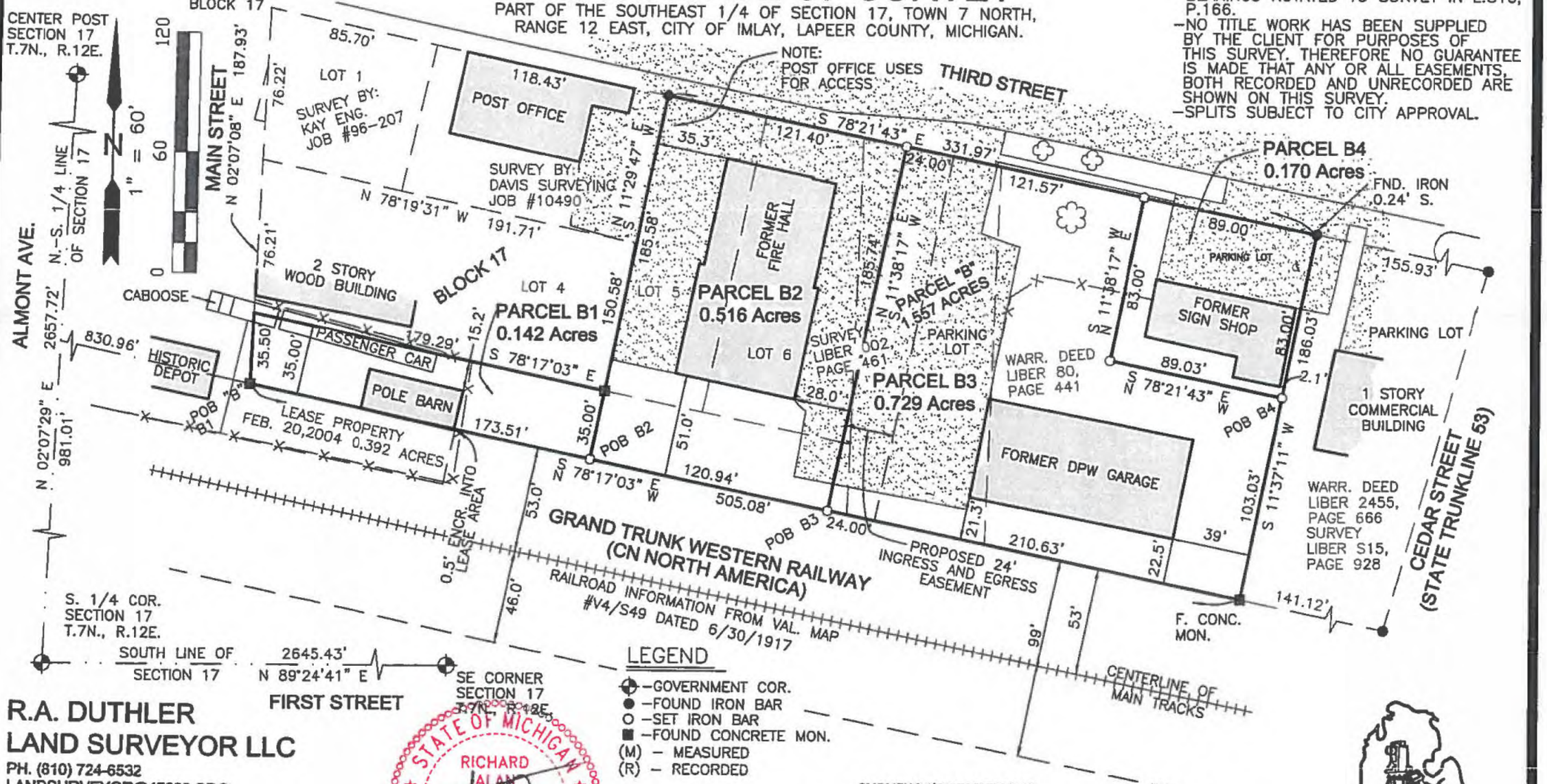
Appendix C

Property Records

CERTIFICATE OF SURVEY

PART OF THE SOUTHEAST 1/4 OF SECTION 17, TOWN 7 NORTH, RANGE 12 EAST, CITY OF IMLAY, LAPEER COUNTY, MICHIGAN.

NOTES:
- BEARINGS ROTATED TO SURVEY IN L.S15, P.166.
- NO TITLE WORK HAS BEEN SUPPLIED BY THE CLIENT FOR PURPOSES OF THIS SURVEY. THEREFORE NO GUARANTEE IS MADE THAT ANY OR ALL EASEMENTS, BOTH RECORDED AND UNRECORDED ARE SHOWN ON THIS SURVEY.
- SPLITS SUBJECT TO CITY APPROVAL.



LEGEND

- ⊕ –GOVERNMENT COR.
- ● –FOUND IRON BAR
- ○ –SET IRON BAR
- ■ –FOUND CONCRETE MON.
- (M) – MEASURED
- (R) – RECORDED

R.A. DUTHLER LAND SURVEYOR LLC

PH. (810) 724-6532
LANDSURVEYOR@47200.ORG
158 EAST THIRD STREET
IMLAY CITY, MI. 48444

PREPARED FOR:
THE CITY OF IMLAY CITY
JUNE 13, 2022
JOB# 110407_2022 SPLIT

STATE OF MICHIGAN
LICENSED PROFESSIONAL SURVEYOR
RICHARD ALAN DUTHLER, JR
License No. 4001047200

RICHARD A. DUTHLER
PROFESSIONAL LAND SURVEYOR
No. 47200

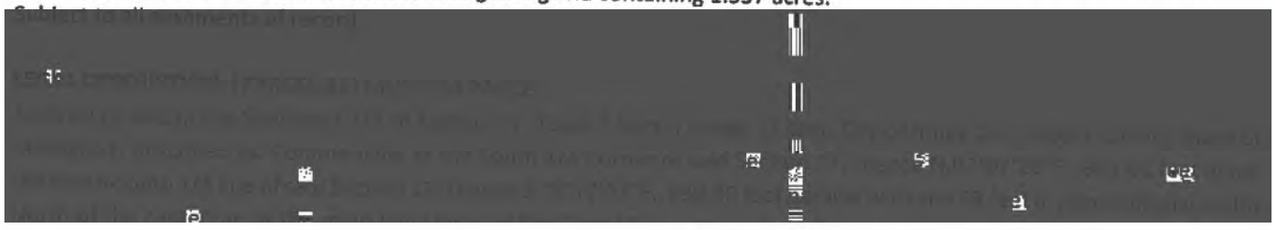
SURVEYOR'S CERTIFICATE

I hereby certify that I have surveyed and mapped the land above platted and/or described on June 12, 2022 and that the relative positional precision of each corner is within the limits accepted by the practice of professional surveying and complies with P.A. 132 of 1970 as amended.

DUTHLERLANDSURVEYOR.COM

CERTIFICATE OF SURVEY

A parcel of land in the Southeast 1/4 of Section 17, Town 7 North, Range 12 East, City of Imlay City, Lapeer County, State of Michigan is described as: Commencing at the South 1/4 Corner of said Section 17; thence N.02°07'29"E., 981.01 feet along the North-South 1/4 line of said Section 17; thence S.78°17'03"E., 830.96 feet parallel with and 53 feet in perpendicular width North of the centerline of the main line tracks of the Grand Trunk Western Railroad (now Canadian National Railway) to a point on the East line of Main Street (100 feet wide) and the Point of Beginning; thence N.02°07'08"E., 35.50 feet along said East line to the Southwest Corner of Block 17, of the original Plat of Imlay City as recorded in Liber 9 of Deeds, Page 258 of the Lapeer County Records; thence along the South line of said Block 17, S.78°17'03"E., 179.29 feet to the Southwest Corner of Lot 5 of said Block 17; thence along the West line of said Lot 5, N.11°29'47"E., 150.58 feet to the Northwest Corner of said Lot 5; thence along the North line of Lots 5 and 6 and the South line of Third Street (80 feet wide), S.78°21'42"E., 331.07 feet, said point is 53 feet in perpendicular width from the centerline of the main tracks of said railroad; thence along said North line, N.78°17'03"W., 505.08 feet to the Point of Beginning and containing 1.557 acres.



Beginning at the Southwest Corner of Block 17, of the original Plat of Imlay City as recorded in Liber 9 of Deeds, Page 258 of the Lapeer County Records; thence along the South line of said Block 17, S.78°17'03"E., 179.29 feet to the Southwest Corner of Lot 5 of said Block 17; thence along the West line of said Lot 5 (if extended) S.11°29'47"W., 35.00 feet to a point on the North line of said Grand Trunk Western Railroad (99 feet Wide) said point is 53 feet in perpendicular width from the centerline of the main tracks of said railroad; thence along said North line, N.78°17'03"W., 173.51 feet to the Point of Beginning and containing 0.142 acres.

Subject to all easements, restrictions, and right of ways of record.

CENTER POST
SECTION 17
T.7N., R.12E.
FOUND RR. SPIKE 3'± E. OF CENTERLINE OF RD.
44.35' NE TO SPK. IN W. FC. OF A 30" MAPLE.
49.54' WNW TO TAG #35992 IN N. FC. 24" MAPLE.
59.20' SE TO TAG #35992 IN SW FC. 18" ASH.
64.75' E. SW. COR. FOUNDATION OF HSE. #440.
27.62' ENE TO SPK IN S. FC. 30" MAPLE.

SOUTH 1/4 CORNER
SECTION 17, T.7N., R.12E.
FOUND NAIL AND ROWE TAG IN THE NORTHBOUND LANE OF ALMONT AVE.
8.1' NNE. TO CENTERLINE OF A SANITARY MANHOLE
28.83' W. TO P.K. IN THE N. FC. OF A POWER POLE
73.93' NW. TO NAIL/TAG #35992 NE. FC. OF A POWER POLE
49.28' NE. TO P.K. IN THE NW. FC. OF A POWER POLE
46.04' SE. TO FORM NAIL/TAG NE. FC. OF A UTILITY POLE.

SOUTHEAST CORNER
SECTION 17, T.7N., R.12E.
FOUND BROKEN CONCRETE MONUMENT W/ 2" ALUM. CAP
79.61' NW. TO P.K. NAIL IN THE SW. FC. OF A POWER POLE
9.51' NW. TO SE. COR. CB RIM S. SIDE OF FIRST STREET
39.64' SW. TO NE. COR. CB RIM E. SIDE INDUSTRIAL DRIVE
45.00' S. TO CAP #26454

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CERTIFICATE OF SURVEY

Trunk Western Railroad (99 feet Wide) said point is 53 feet in perpendicular width from the centerline of the main tracks of said railroad; thence along said North line, N.78°17'03"W., 120.94 feet to the Point of Beginning and containing 0.516 acres.
Subject to and together with a Proposed 24-foot ingress and egress easement, described below.
Subject to all easements, restrictions, and right of ways of record.

South line, S.78°21'43"E., 121.57 feet; thence S.11°38'17"W., 83.00 feet; thence S.78°21'43"E., 89.03 feet parallel to the South line of Third Street to a point on the West line of Survey recorded in Liber S15, Page 928 of the Lapeer County Records; thence along said West line, S.11°37'11"W., 103.03 feet to a point on the North line of said Grand Trunk Western Railroad (99 feet Wide) said point is 53 feet in perpendicular width from the centerline of the main tracks of said railroad; thence along said North line, N.78°17'03"W., 210.63 feet to the Point of Beginning and containing 0.729 acres.
Subject to a Proposed 24-foot ingress and egress easement, described below.
Subject to all easements, restrictions, and right of ways of record.

LEGAL DESCRIPTION: (PARCEL B4) FORMER SIGN SHOP PARCEL

A parcel of land in the Southeast 1/4 of Section 17, Town 7 North, Range 12 East, City of Imlay City, Lapeer County, State of Michigan is described as: Commencing at the South 1/4 Corner of said Section 17; thence N.02°07'29"E., 981.01 feet along the North-South 1/4 line of said Section 17; thence S.78°17'03"E., 1336.04 feet parallel with and 53 feet in perpendicular width North of the centerline of the main line tracks of the Grand Trunk Western Railroad (now Canadian National Railway) to a point on the West line of Survey recorded in Liber S15, Page 928 of the Lapeer County Records; thence along said West line, N.11°37'11"E., 103.03 feet to the Point of Beginning; ; thence N.78°21'43"W., 89.03 feet parallel to the South line of Third Street; thence N.11°38'17"E., 83.00 feet to the South line of Third Street (80 feet wide); thence along said South line, S.78°21'43"E., 89.00 feet to a point on the West line of Survey recorded in Liber S15, Page 928 of the Lapeer County Records; thence along said West line, S.11°37'11"W., 83.00 feet to the Point of Beginning and containing 0.170 acres.
Subject to all easements, restrictions, and right of ways of record.

LEGAL DESCRIPTION: (INGRESS AND EGRESS EASEMENT)

A parcel of land in the Southeast 1/4 of Section 17, Town 7 North, Range 12 East, City of Imlay City, Lapeer County, State of Michigan is described as: Commencing at the South 1/4 Corner of said Section 17; thence N.02°07'29"E., 981.01 feet along the North-South 1/4 line of said Section 17; thence S.78°17'03"E., 1125.41 feet parallel with and 53 feet in perpendicular width North of the centerline of the main line tracks of the Grand Trunk Western Railroad (now Canadian National Railway) to the Point of Beginning; thence N.11°38'17"E., 185.74 feet to the South line of Third Street (80 feet wide); thence along said South line, S.78°21'43"E., 24.00 feet; thence S.11°38'17"W., 185.74 feet to a point on the North line of said Grand Trunk Western Railroad (99 feet Wide) said point is 53 feet in perpendicular width from the centerline of the main tracks of said railroad; thence along said North line, N.78°17'03"W., 24.00 feet to the Point of Beginning.

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LANDSURVEYOR@47200.ORG
158 EAST THIRD STREET
IMLAY CITY, MI. 48444

PREPARED FOR:
THE CITY OF IMLAY CITY
JUNE 13, 2022
JOB # 0407_2022 (SPLIT)

STATE OF MICHIGAN
RICHARD ALAN DUTHLER, JR
License No. 4001047200
LICENSED PROFESSIONAL SURVEYOR
RICHARD A. DUTHLER
PROFESSIONAL LAND SURVEYOR
47200

DUTHLERLANDSURVEYOR.COM

400 E THIRD ST IMLAY CITY, MI 48444 (Property Address)

Parcel Number: I19-59-100-003-00

Property Owner: CITY OF IMLAY CITY

Summary Information

> Assessed Value: $0 | Taxable Value: $0

> Property Tax information found

Item **1** of **1** 1 Image / 0 Sketches

Owner and Taxpayer Information

Owner	CITY OF IMLAY CITY 150 N MAIN ST IMLAY CITY, MI 48444	**Taxpayer**	SEE OWNER INFORMATION

General Information for Tax Year 2022

Property Class	002 NEW SPLIT/COMBINE	**Unit**	I CITY OF IMLAY CITY
School District	IMLAY CITY COMMUNITY SCHOOLS	**Assessed Value**	$0
MAP #	*No Data to Display*	**Taxable Value**	$0
USER#1INDX	0	**State Equalized Value**	$0
USR ALPHA INDEX	*Not Available*	**Date of Last Name Change**	01/24/2023
USER ALPHA 3	*Not Available*	**Notes**	*Not Available*
Historical District	*Not Available*	**Census Block Group**	*Not Available*
USER#1INDX	*Not Available*	**Exemption**	*No Data to Display*

Principal Residence Exemption Information

Homestead Date *No Data to Display*

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	0.0000 %

Previous Year Information

Year	MBOR Assessed	Final SEV	Final Taxable
2021	$0	$0	$0
2020	$0	$0	$0
2019	$0	$0	$0

Land Information

Zoning Code	B-3 GEN	**Total Acres**	0.170
Land Value	$0	**Land Improvements**	$0
Renaissance Zone	No	**Renaissance Zone Expiration Date**	*No Data to Display*
ECF Neighborhood	00510.COMMERCIAL NEAR DOWNTOWN	**Mortgage Code**	*No Data to Display*
Lot Dimensions/Comments	*No Data to Display*	**Neighborhood Enterprise Zone**	No

Lot(s)	Frontage	Depth
No lots found.		
	Total Frontage: 0.00 ft	**Average Depth: 0.00 ft**

Legal Description

PART OF SE 1/4 SEC 17, T7N-R12E, CITY OF IMLAY CITY; COMM S 1/4 COR SEC 17; TH N 02 07 29 E 981.01 FT; TH S 78 17 03 E 1336.04 FT PARALLEL WITH AND 53' IN PERPENDICULAR WIDTH N OF C/L GTWRR; TH N 11 37 11 E 103.03 FT TO POB; TH N 78 21 43 W 89.03 FT; TH N 11 38 17 E 83.00 FT TO S LINE THIRD ST (80' WIDE); TH S 78 21 43 E 89.00 FT; TH S 11 37 11 W 83.00 FT TO POB. CONT 0.170 ACRE. SPLIT FOR 2023 NDH.

Land Division Act Information

Date of Last Split/Combine	*No Data to Display*	**Number of Splits Left**	0
Date Form Filed	*No Data to Display*	**Unallocated Div.s of Parent**	0
Date Created	01/01/0001	**Unallocated Div.s Transferred**	0
Acreage of Parent	0.00	**Rights Were Transferred**	*Not Available*
Split Number	0	**Courtesy Split**	*Not Available*
Parent Parcel	*No Data to Display*		

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
No sales history found.						

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Appendix D

User Provided Information

ECT completed an update interview with Mr. Mike Dausey via telephone on December 7, 2023 at 1pm. Mr. Dausey was not aware of any changes to the Subject Property. He is aware of the presence of environmental impact, as described in the Phase I ESA from earlier this year.

ECT
> ectinc.com

USER QUESTIONNAIRE

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

Street Address: _____

City, State, Zip: Imlay City, MI

1. ENVIRONMENTAL LIENS

Did a search of recorded land title records (or judicial records where appropriate[1]) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?

☑ **NO** ☐ **YES** **Date of Search:** _____

2. ACTIVITY AND USE LIMITATIONS (AULs)

Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state, or local law?

☑ **NO** ☐ **YES** **Date of Search:** _____

3. SPECIALIZED KNOWLEDGE OR EXPERIENCE

Do you have any specialized knowledge or experience related to the property or nearby properties? *For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?*

☑ **NO** ☐ **YES** **If yes, explain.** _____

_____

_____

[1] In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

ECT
> ectinc.com

4. PURCHASE PRICE & FAIR MARKET VALUE

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

☐ **NO** ☑ **YES** **If no, explain.** _____

_____

LEASE? ☐

5. COMMONLY KNOWN INFORMATION

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? *For example, do you know the past uses of the property? Do you know if specific chemicals that are present or once were present at the property? Do you know of spills or other chemical releases that have taken place at the property? Do you know of any environmental cleanups that have taken place at the property?*

☑ **NO** ☐ **YES** **If yes, explain.** _____

_____

_____

6. DEGREE OF OBVIOUSNESS

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?

☑ **NO** ☐ **YES** **If yes, explain.** _____

_____

_____

Completed By: Mike Dausey **Title:** Director/Secretary

Signature: _____ **USER ENTITY:** Sage Creek Winery

Date: 07/05/2023 **Reason for Phase I:** _____

Other Reliance Entities: _____

Appendix E

Historical Sources

Former Imlay City DPW
400 East Third Street
Imlay City, MI 48444

Inquiry Number: 7339396.4
May 17, 2023

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 Map Report

05/17/23

Site Name:	Client Name:
Former Imlay City DPW	ECT
400 East Third Street	3399 Veterans Drive
Imlay City, MI 48444	Traverse City, MI 49684
EDR Inquiry # 7339396.4	Contact: Maura Gibbons

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ECT were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	NA	**Latitude:**	43.023723 43° 1' 25" North
Project:	220365	**Longitude:**	-83.072465 -83° 4' 21" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	331139.19
		UTM Y Meters:	4765533.39
		Elevation:	815.19' above sea level

Maps Provided:

2019
2017
2016
2014
1963, 1968

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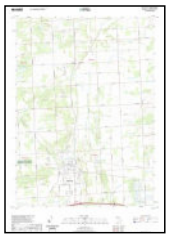
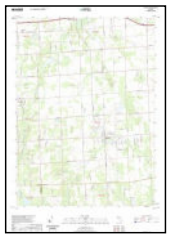
Topo Sheet Key

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

2019 Source Sheets

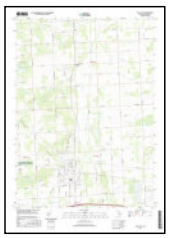


Imlay City
2019
7.5-minute, 24000

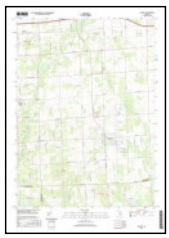


Almont
2019
7.5-minute, 24000

2017 Source Sheets



Imlay City
2017
7.5-minute, 24000

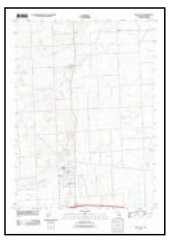


Almont
2017
7.5-minute, 24000

2016 Source Sheets

Imlay City
2016
7.5-minute, 24000

2014 Source Sheets



Imlay City
2014
7.5-minute, 24000

Almont
2014
7.5-minute, 24000

Topo Sheet Key

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

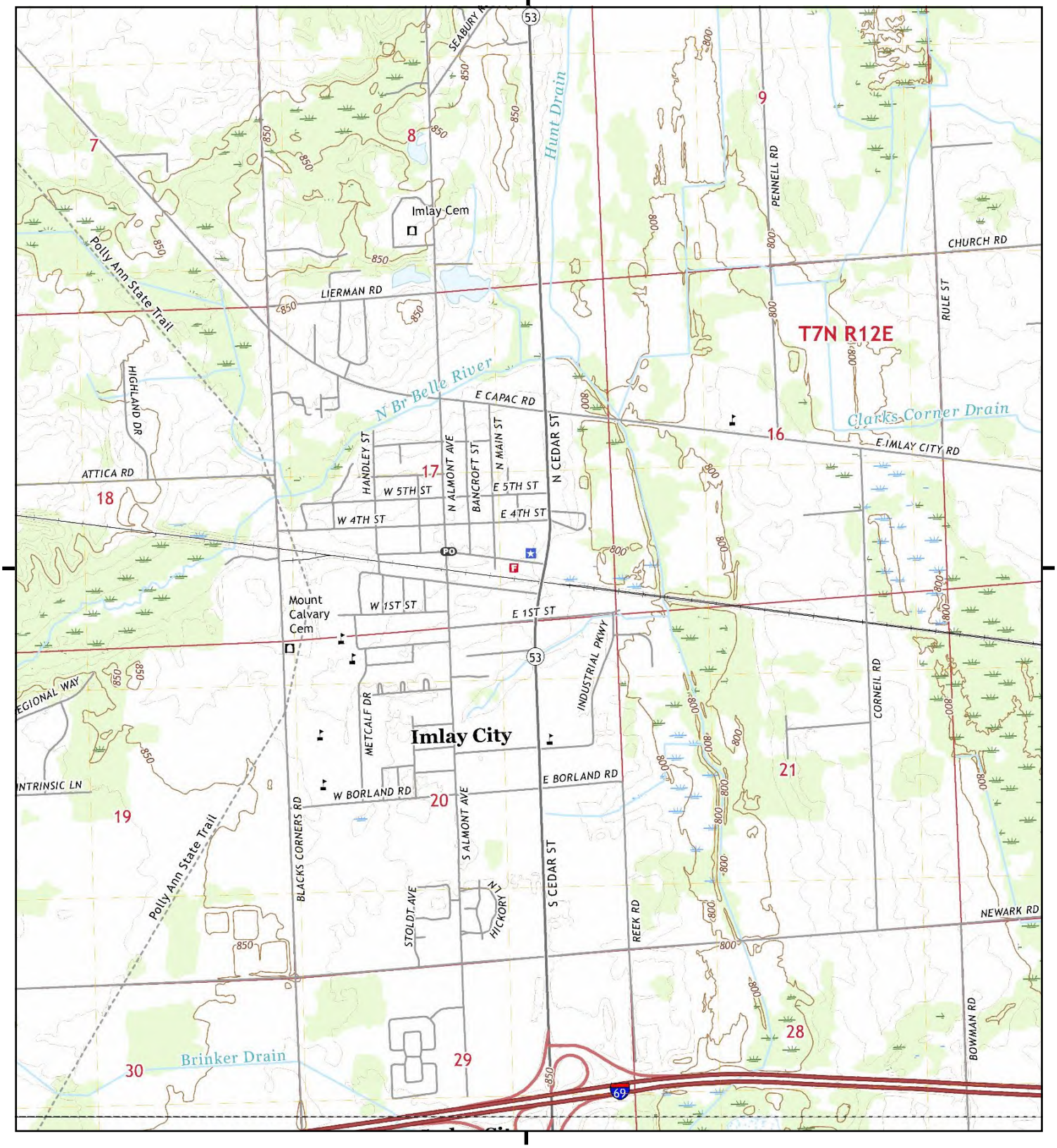
1963, 1968 Source Sheets

Imlay City
1963
7.5-minute, 24000
Aerial Photo Revised 1959

Almont
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Historical Topo Map

2019



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

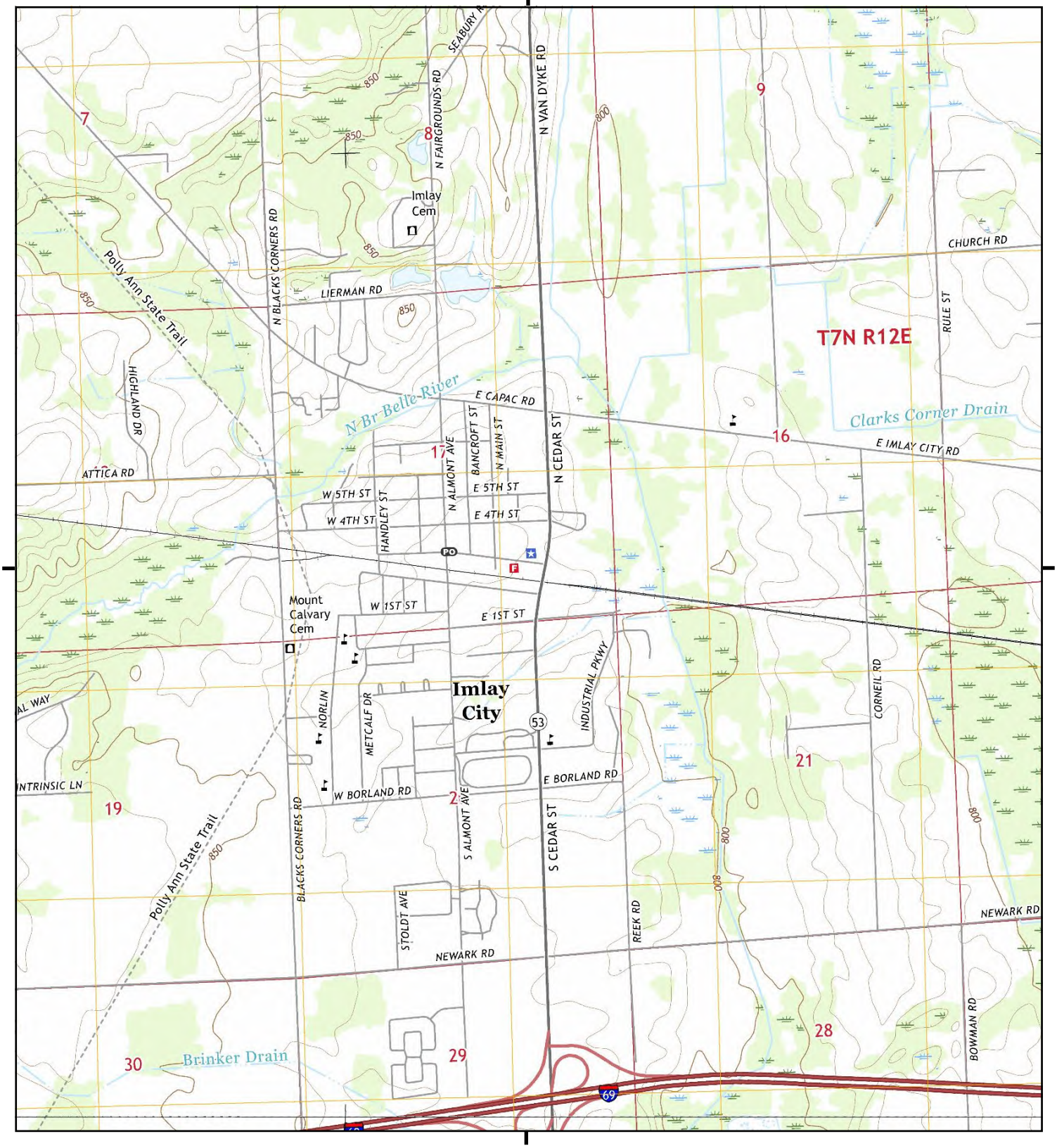
TP, Imlay City, 2019, 7.5-minute
S, Almont, 2019, 7.5-minute

SITE NAME: Former Imlay City DPW
ADDRESS: 400 East Third Street
Imlay City, MI 48444
CLIENT: ECT

N

Historical Topo Map

2017



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

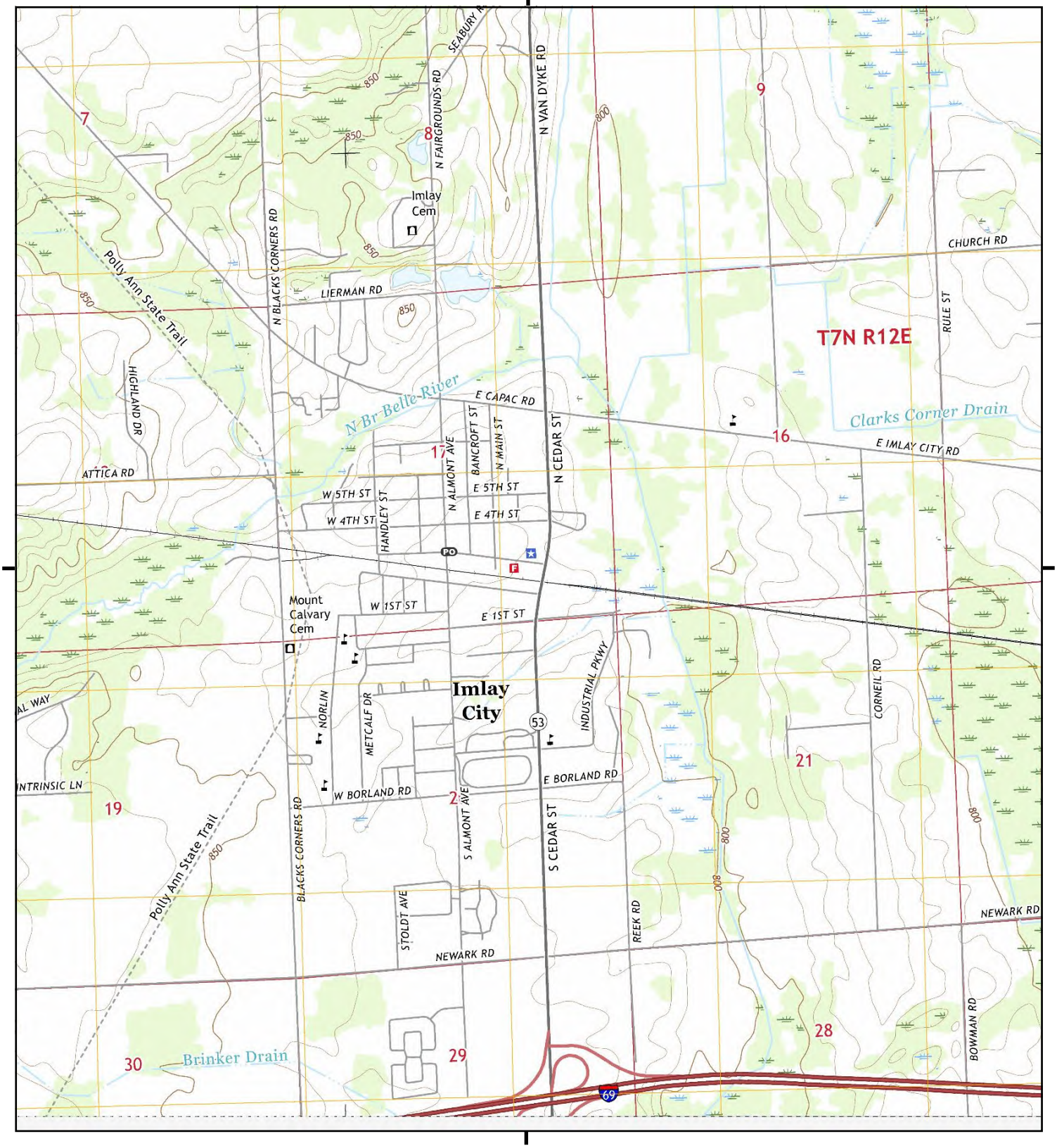
TP, Imlay City, 2017, 7.5-minute
S, Almont, 2017, 7.5-minute

SITE NAME: Former Imlay City DPW
ADDRESS: 400 East Third Street
Imlay City, MI 48444
CLIENT: ECT

N

Historical Topo Map

2016



This report includes information from the following map sheet(s).

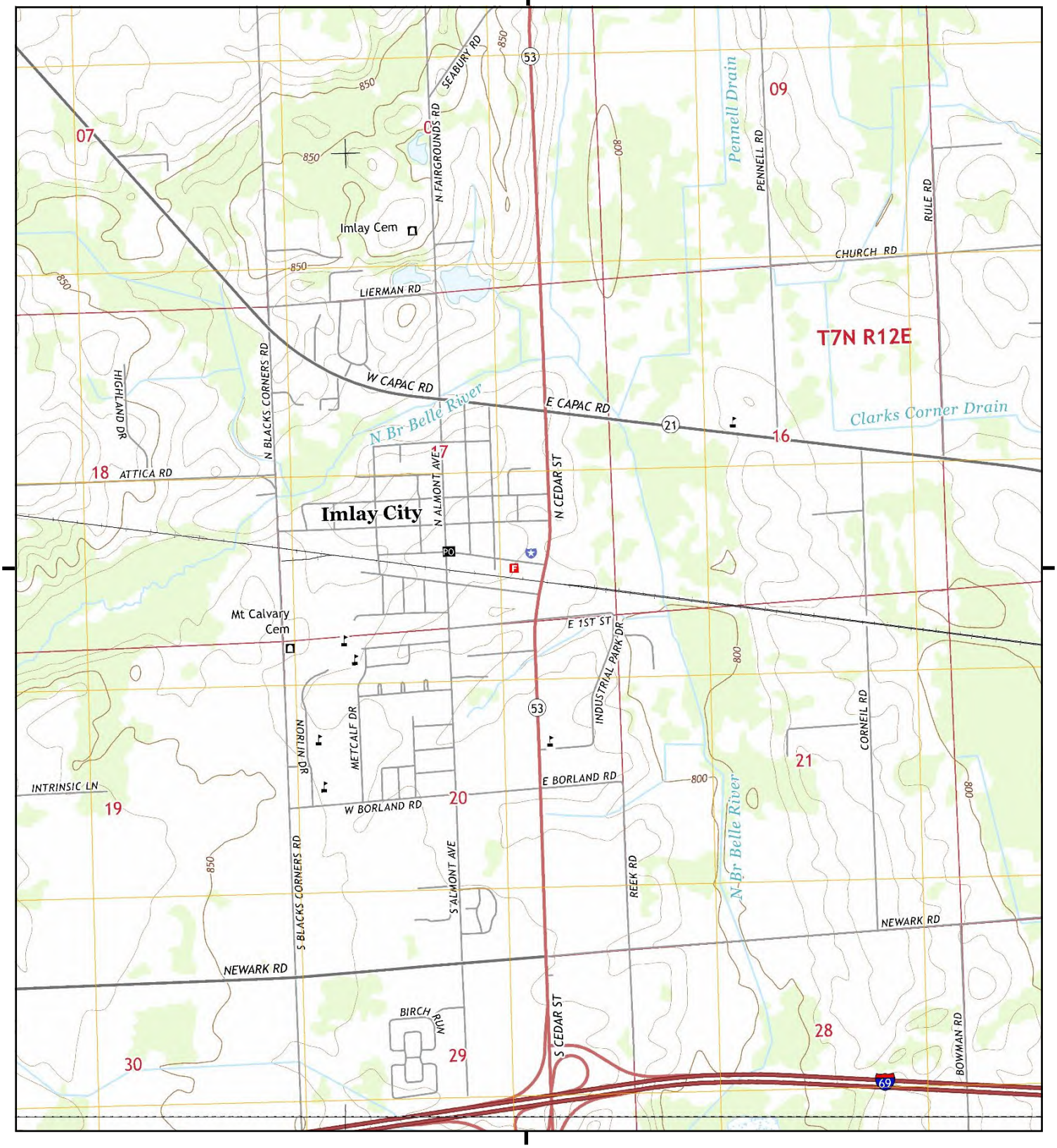
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Imlay City, 2016, 7.5-minute

SITE NAME: Former Imlay City DPW
ADDRESS: 400 East Third Street
Imlay City, MI 48444
CLIENT: ECT

N



This report includes information from the following map sheet(s).

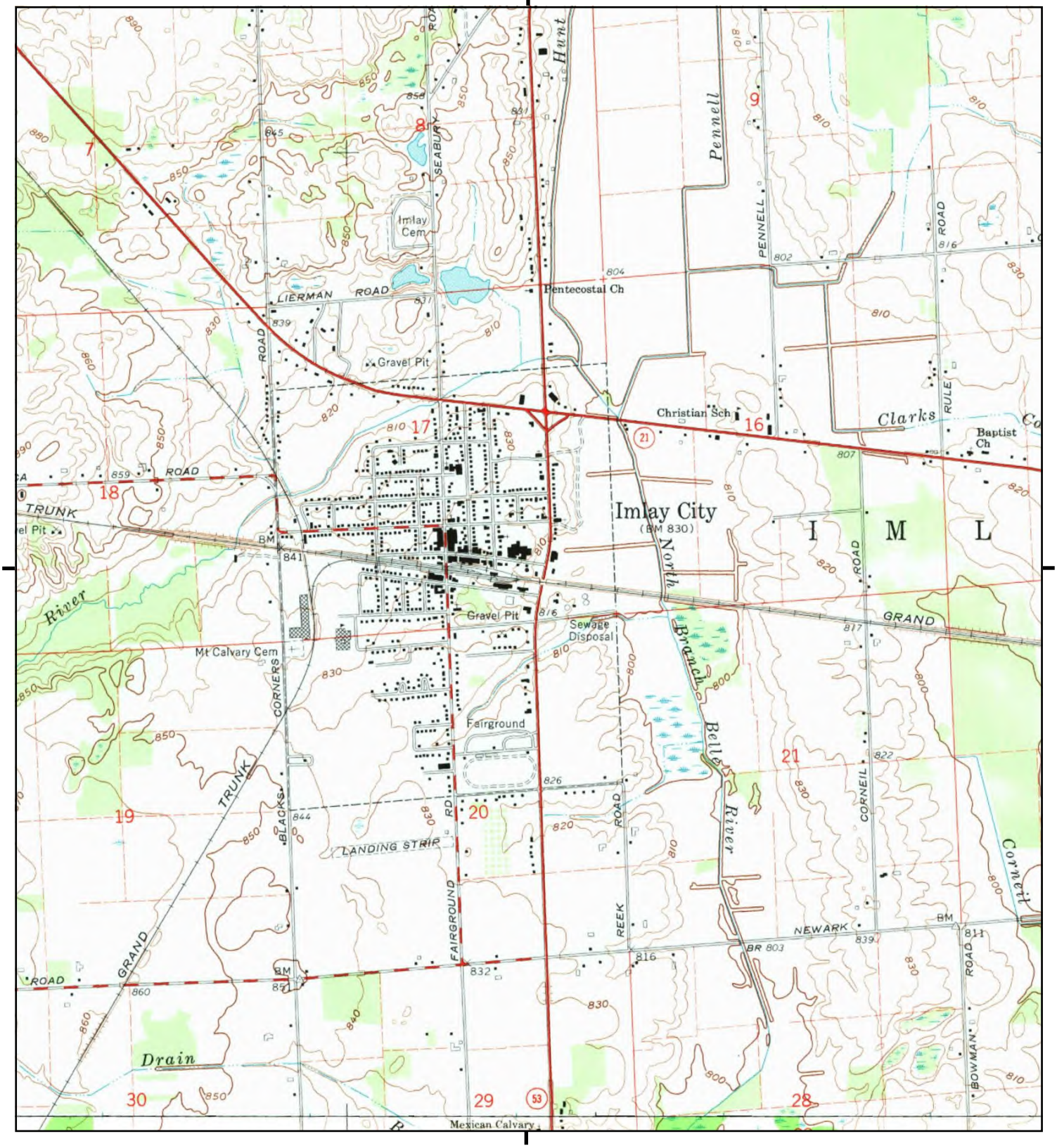
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Imlay City, 2014, 7.5-minute
S, Almont, 2014, 7.5-minute

SITE NAME: Former Imlay City DPW
ADDRESS: 400 East Third Street
Imlay City, MI 48444
CLIENT: ECT

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Imlay City, 1963, 7.5-minute
S, Almont, 1968, 7.5-minute

SITE NAME: Former Imlay City DPW
ADDRESS: 400 East Third Street
Imlay City, MI 48444
CLIENT: ECT

N

Former Imlay City DPW

400 East Third Street

Imlay City, MI 48444

Inquiry Number: 7339396.8

May 17, 2023

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

05/17/23

Site Name:

Former Imlay City DPW
400 East Third Street
Imlay City, MI 48444
EDR Inquiry # 7339396.8

Client Name:

ECT
3399 Veterans Drive
Traverse City, MI 49684
Contact: Maura Gibbons

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Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
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: March 28, 1999	USGS/DOQQ
1987	1"=500'	Flight Date: June 17, 1987	USDA
1983	1"=500'	Flight Date: May 10, 1983	USDA
1978	1"=500'	Flight Date: November 08, 1978	USGS
1964	1"=500'	Flight Date: July 27, 1964	USDA
1957	1"=500'	Flight Date: June 21, 1957	USDA
1941	1"=500'	Flight Date: September 17, 1941	USGS
1938	1"=500'	Flight Date: July 15, 1938	USGS

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INQUIRY #: 7339396.8
YEAR: 2020
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 1999
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 1987
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 1983
= 500'
N
EDR

INQUIRY #: 7339396.8
YEAR: 1978
= 500'
N
EDR
Subject boundary not shown because it e

INQUIRY #: 7339396.8

YEAR: 1964

= 500'

N

EDR

INQUIRY #: 7339396.8

YEAR: 1957

= 500'

N

EDR

INQUIRY #: 7339396.8

YEAR: 1941

= 500'

N

EDR

INQUIRY #: 7339396.8

YEAR: 1938

= 500'

N

EDR

Former Imlay City DPW
400 East Third Street
Imlay City, MI 48444

Inquiry Number: 7339396.3
May 17, 2023

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
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05/17/23

Site Name:

Former Imlay City DPW
400 East Third Street
Imlay City, MI 48444
EDR Inquiry # 7339396.3

Client Name:

ECT
3399 Veterans Drive
Traverse City, MI 49684
Contact: Maura Gibbons

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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 Sanborn Results:

Certification # 5CC3-4619-B9E2

PO # NA

Project 220365

Maps Provided:

1953
1934
1928
1922
1909
1900
1895
1890

Sanborn® Library search results

Certification #: 5CC3-4619-B9E2

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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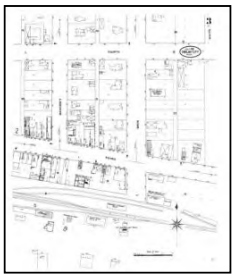
Sanborn Sheet Key

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

1909 Source Sheets

Volume 1, Sheet 3
1909



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1909

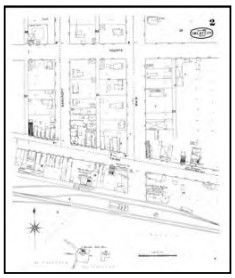
1900 Source Sheets

Volume 1, Sheet 2
1900

Volume 1, Sheet 2
1900

1895 Source Sheets

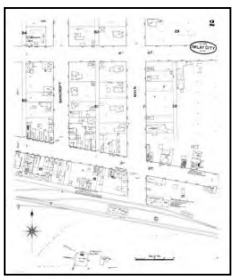
Volume 1, Sheet 2
1895



Volume 1, Sheet 2
1895

1890 Source Sheets

Volume 1, Sheet 2
1890



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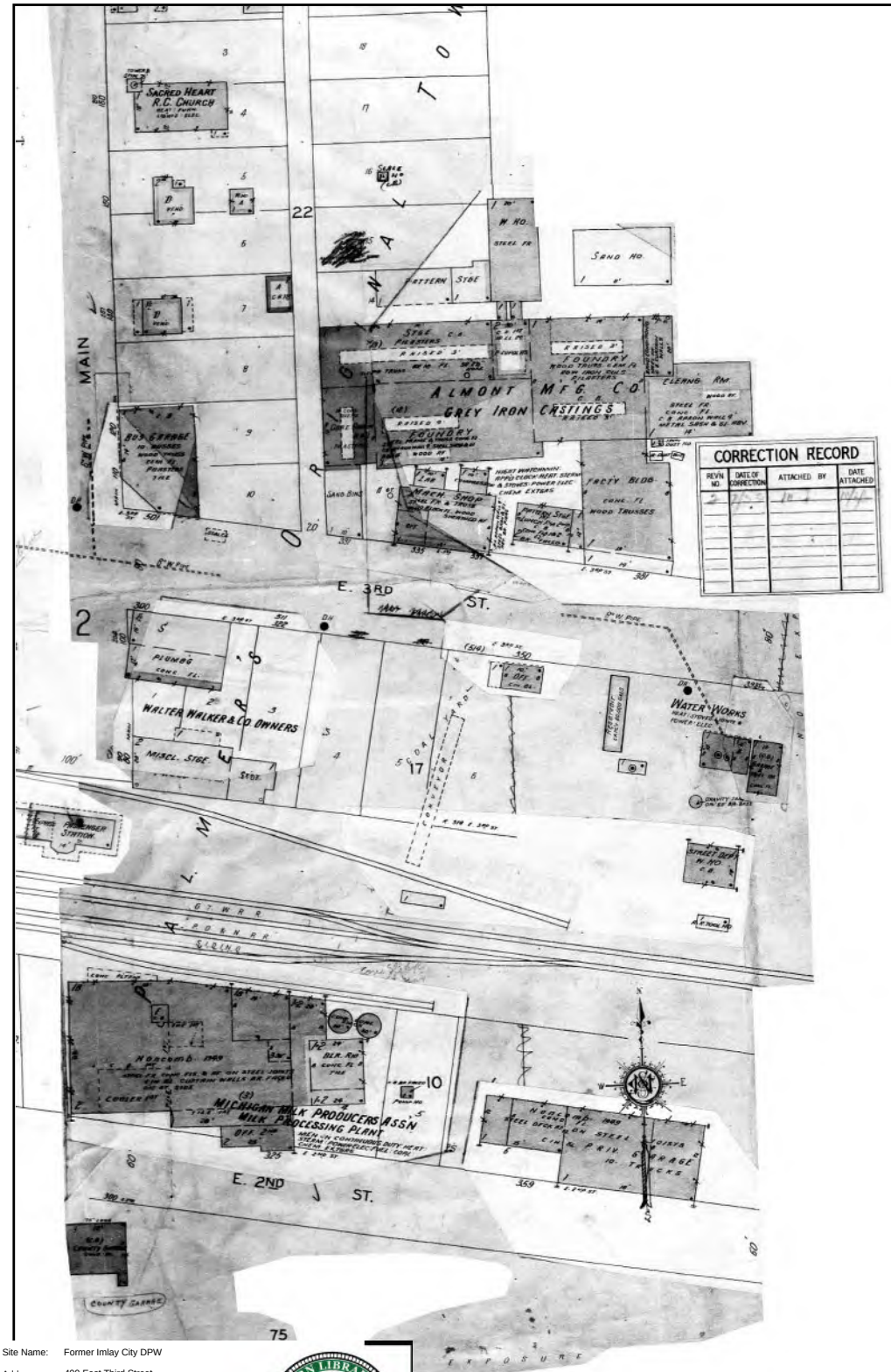

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Certification #5CC3-4619-B9E2

Site Name:	Former Imlay City DPW
Address:	400 East Third Street
City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #	5CC3-4619-B9E2
Copyright	1953

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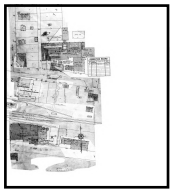

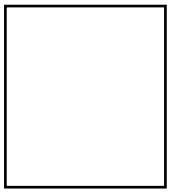

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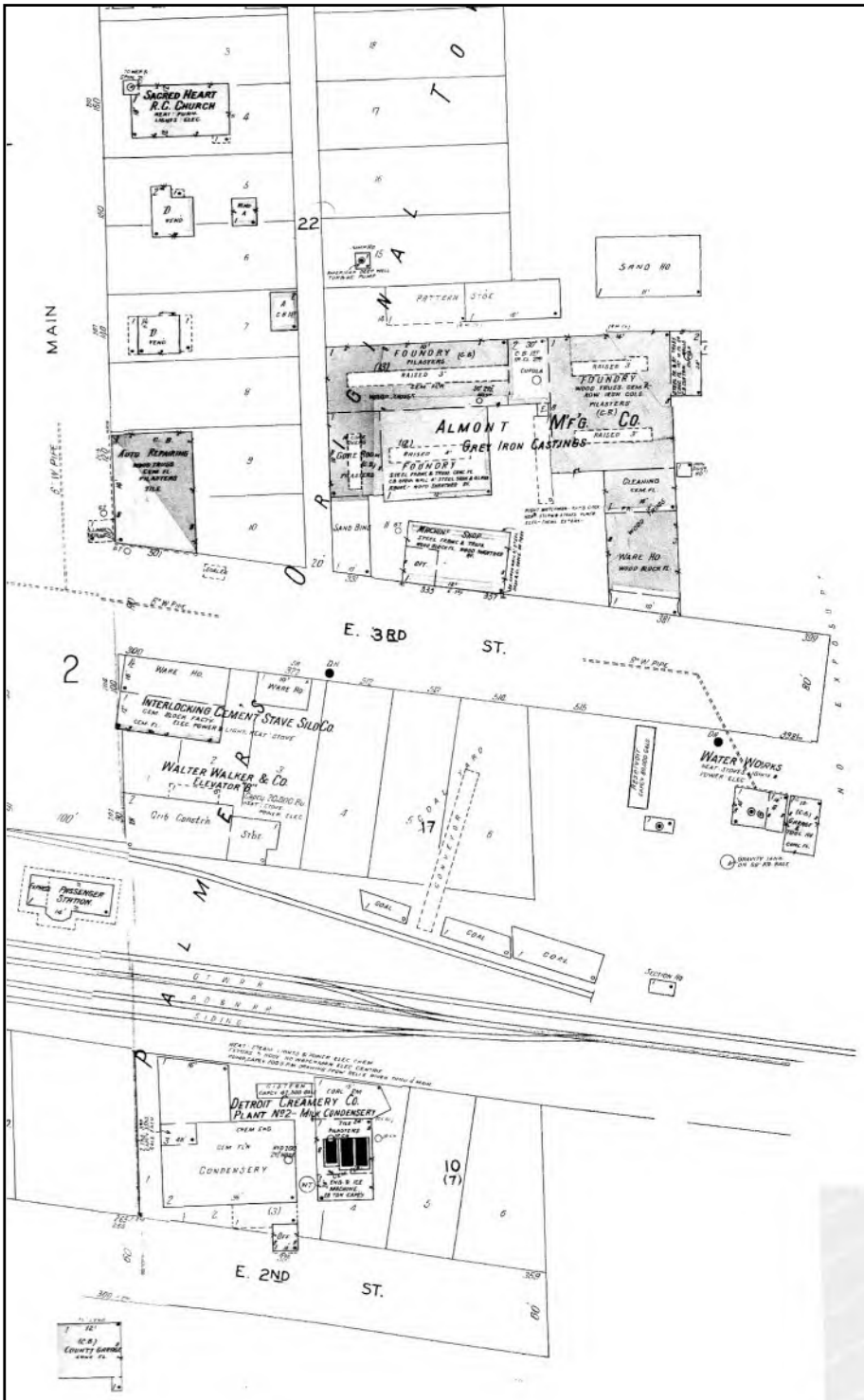

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Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #	5CC3-4619-B9E2
Copyright	1934

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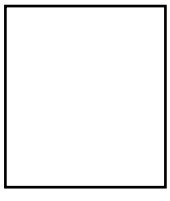

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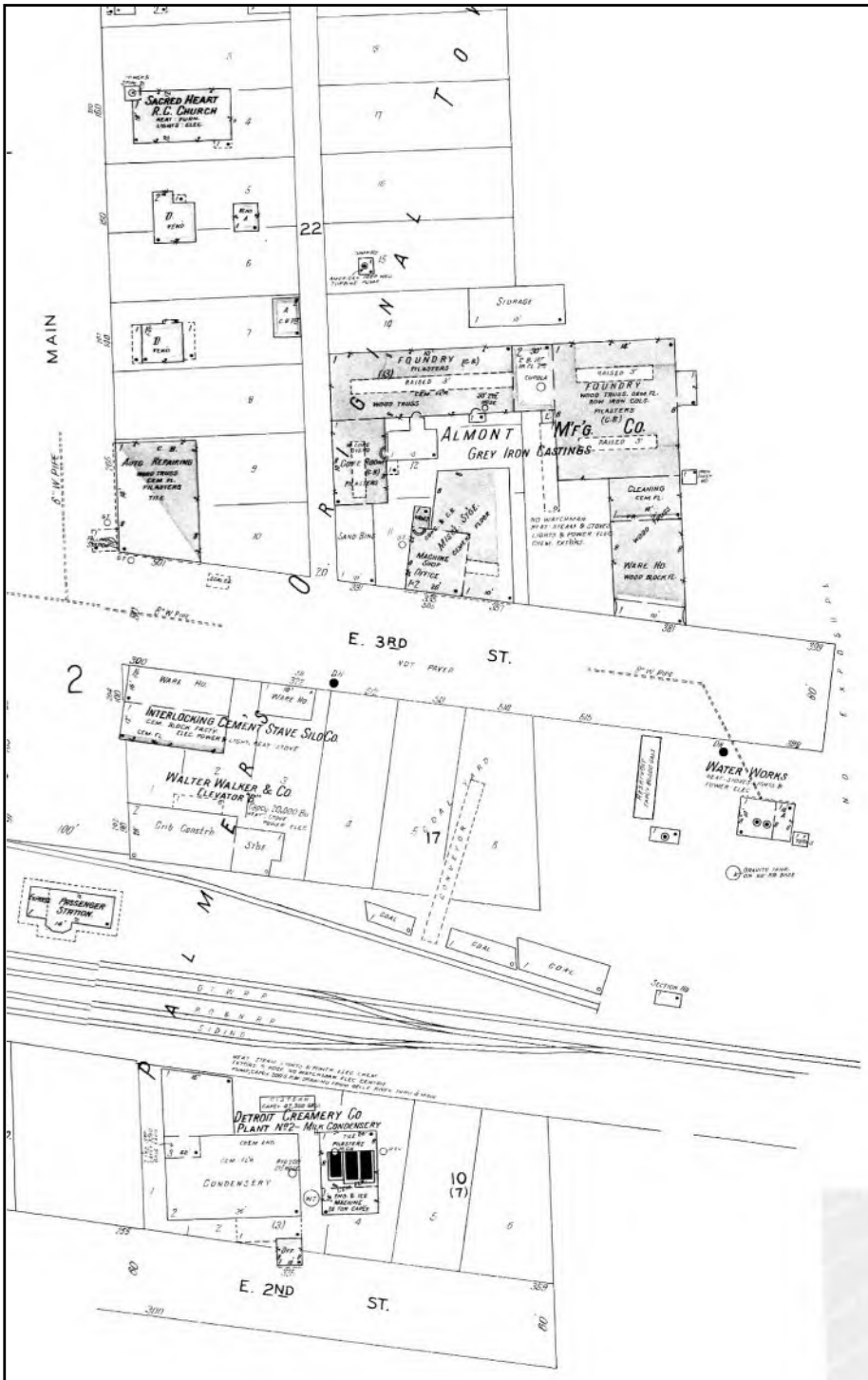

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Site Name:	Former Imlay City DPW
Address:	400 East Third Street
City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #:	5CC3-4619-B9E2
Copyright	1928

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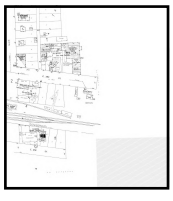

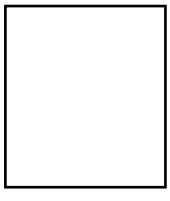

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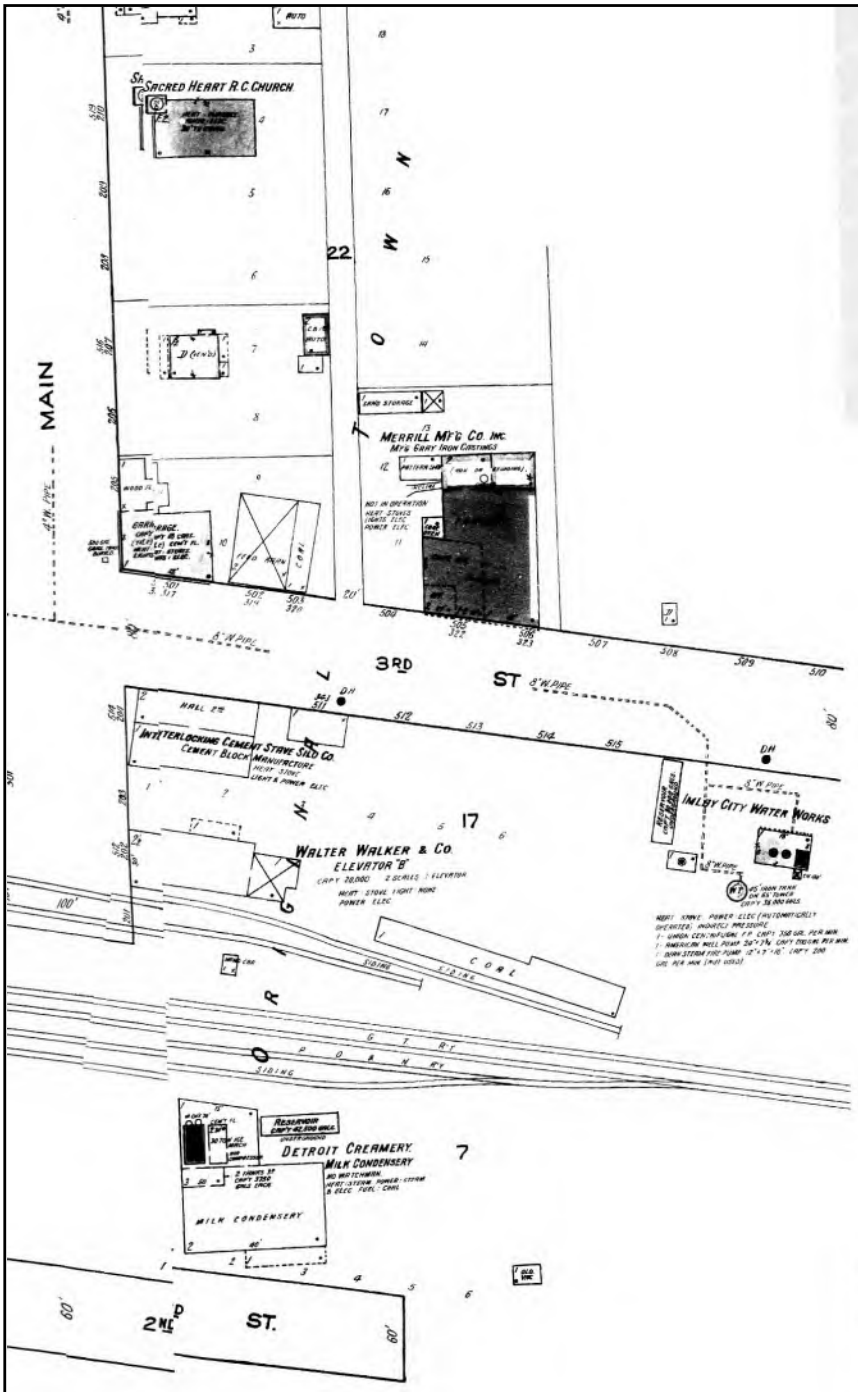

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Address:	400 East Third Street
City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #	5CC3-4619-B9E2
Copyright	1922

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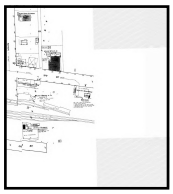

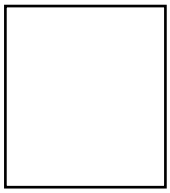

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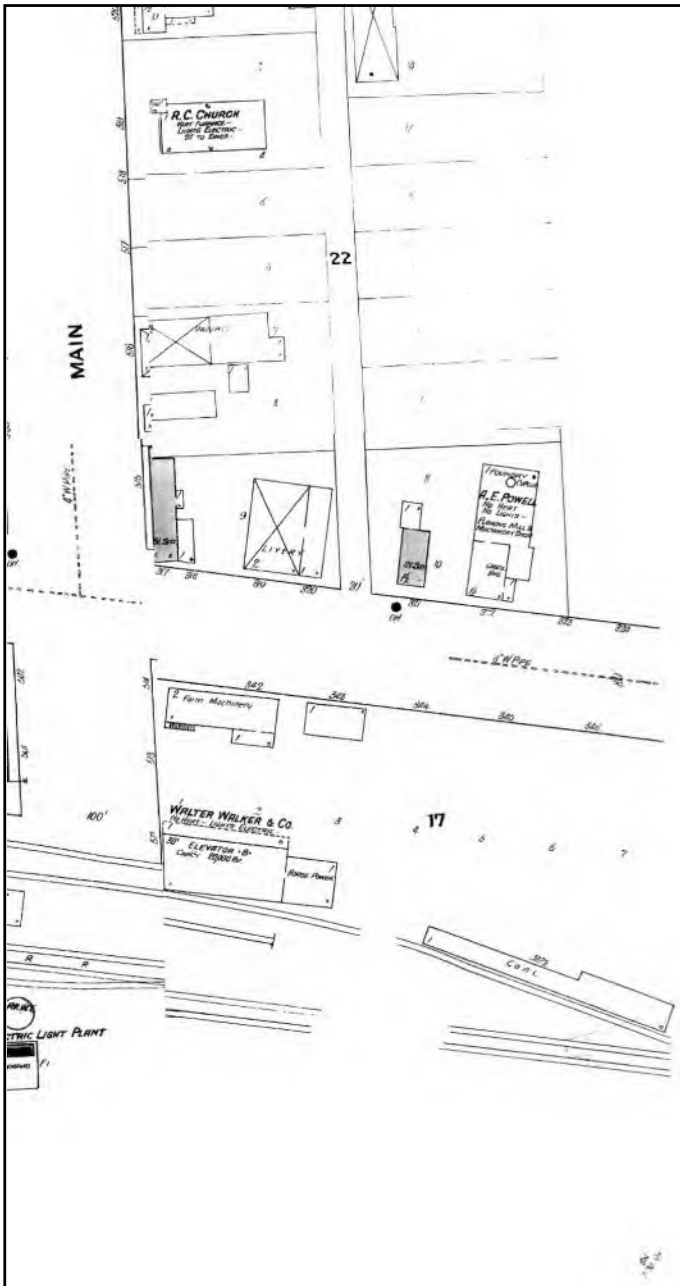

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Address:	400 East Third Street
City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #	5CC3-4619-B9E2
Copyright	1909

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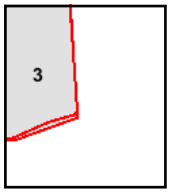

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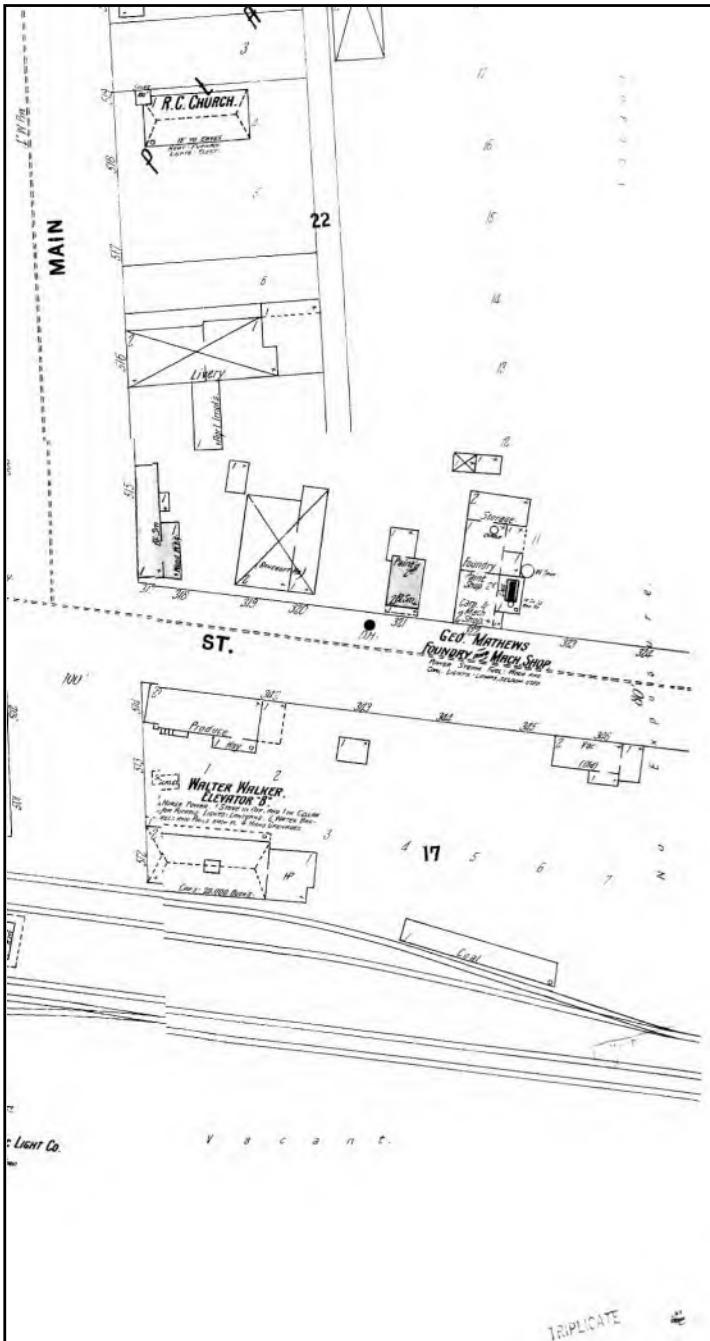

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City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #	5CC3-4619-B9E2
Copyright	1900

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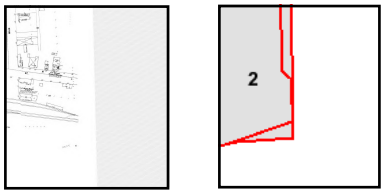

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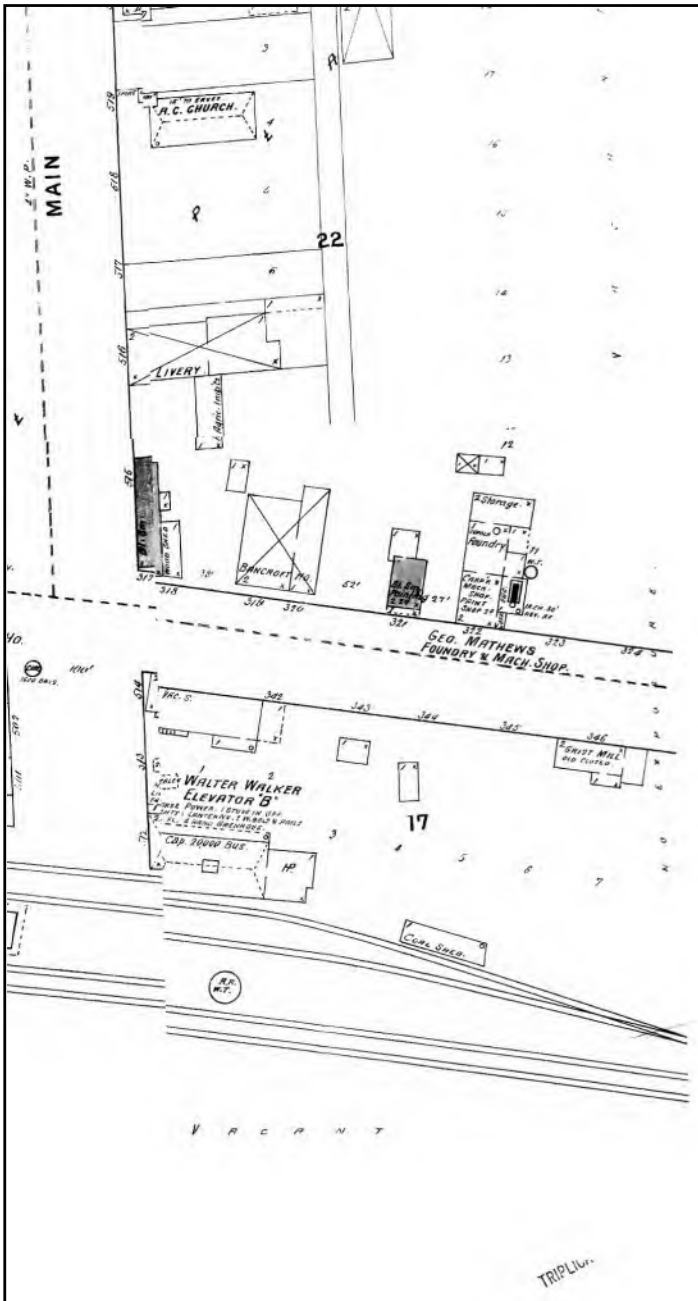

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Certification #5CC3-4619-B9E2

Site Name: Former Imlay City DPW
Address: 400 East Third Street
City, ST, ZIP: Imlay City, MI 48444
Client: ECT
EDR Inquiry: 7339396.3
Order Date: 05/17/2023
Certification #: 5CC3-4619-B9E2
Copyright: 1895

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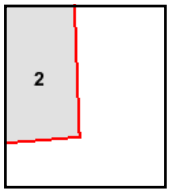

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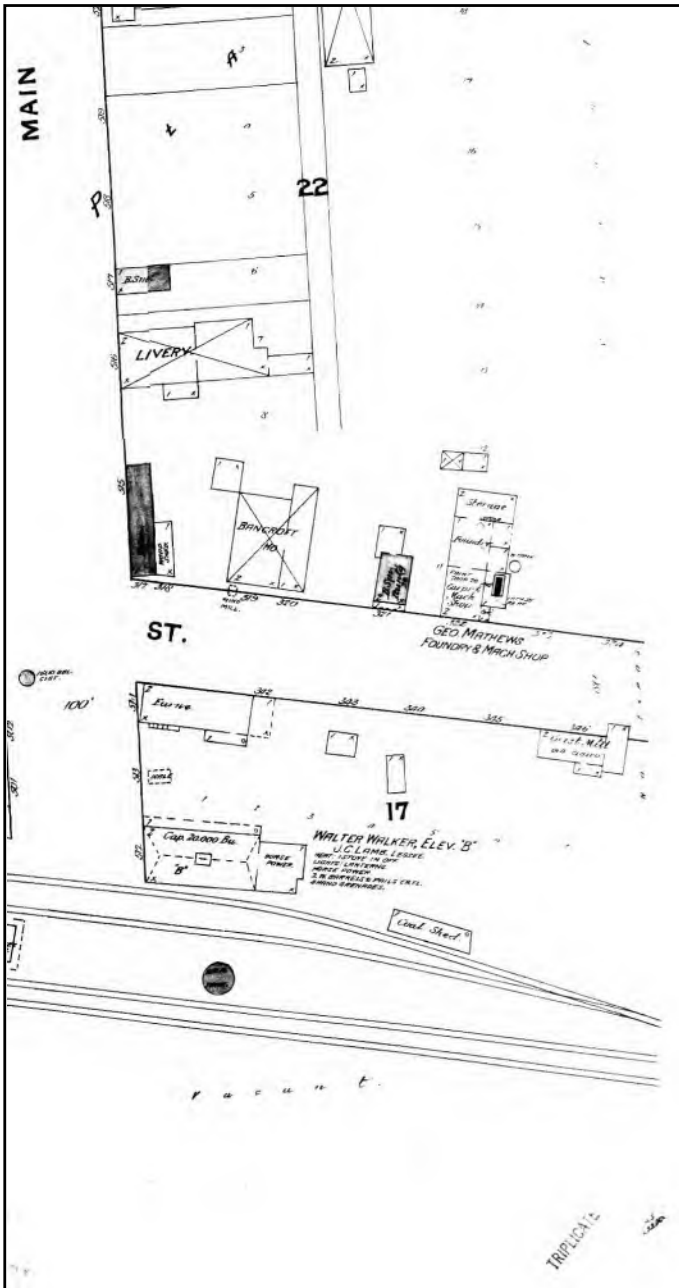

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Site Name:	Former Imlay City DPW
Address:	400 East Third Street
City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	7339396.3
Order Date:	05/17/2023
Certification #	5CC3-4619-B9E2
Copyright	1890

This Certified Sanborn Map combines the following sheets.
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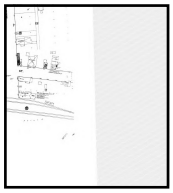

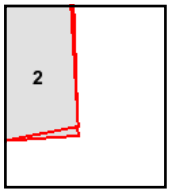

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Volume 1, Sheet 2

0 Feet 150 300 600

N

Former Imlay City DPW
400 East Third Street
Imlay City, MI 48444

Inquiry Number: 7339396.5
May 19, 2023

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☑	☑	Cole Information
1987	☑	☑	Bresser's Cross-Index Directory Company
1982	☑	☑	Bresser's Cross-Index Directory Company
1977	☑	☑	Bresser's Cross-Index Directory Company
1974	☑	☑	Bresser's Cross-Index Directory Company

FINDINGS

TARGET PROPERTY STREET

400 East Third Street
Imlay City, MI 48444

Year	*CD Image*	*Source*
E 3RD ST		
2020	pg A2	EDR Digital Archive
2017	pg A4	Cole Information
2014	pg A6	Cole Information
2010	pg A8	Cole Information
2005	pg A10	Cole Information
2000	pg A12	Cole Information
1995	pg A15	Cole Information
1992	pg A18	Cole Information
1987	pg A21	Bresser's Cross-Index Directory Company
1982	pg A23	Bresser's Cross-Index Directory Company
1977	pg A25	Bresser's Cross-Index Directory Company
1977	pg A26	Bresser's Cross-Index Directory Company
1974	pg A28	Bresser's Cross-Index Directory Company

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
E 2ND ST		
2020	pg. A1	EDR Digital Archive
2017	pg. A3	Cole Information
2014	pg. A5	Cole Information
2010	pg. A7	Cole Information
2005	pg. A9	Cole Information
2000	pg. A11	Cole Information
1995	pg. A14	Cole Information
1992	pg. A17	Cole Information
1987	pg. A20	Bresser's Cross-Index Directory Company
1982	pg. A22	Bresser's Cross-Index Directory Company
1977	pg. A24	Bresser's Cross-Index Directory Company
1974	pg. A27	Bresser's Cross-Index Directory Company

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E 2ND ST 2020

300	B & B STORAGE LLC
325	EASY WINDSHIELD REPLACEMENT
350	WITTOCK SUPPLY CO
375	JER EQUIPMENT RENTALS
379	ASPHALT & CONCRETE LLC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2020

310	US POST OFFICE
395	IMLAY CITY POLICE DEPT
	LAPEER COUNTY COMMISSION-AGING
	MC LAREN COMMUNITY MEDICAL CTR
418	EVIE'S HAIR VILLA
	STYLES BY CONNIE
420	CRICKET WIRELESS AUTH RETAILER
	NEXT LEVEL TATTOO INC

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 2017

300	B & B STORAGE LLC
325	GYG USA INC
350	WITTOCK KITCHEN & BATH
375	ALL CITIES RESTORATION
	JER EQUIPMENT RENTALS
	UHAUL
379	UHAUL

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 2017

201	GEM & DIAMOND SPECIALISTS
	JOHNSON, JEFFRY A
202	JOHN L LENGEMANN ATTY
	MORRICE LENGEMANN & MILLER PC
	SALLY A MILLER ATTY
204	HISPANIC SERVICES
	RAPPUHN, MINDI
206	GONZALEZ, JACQUELYN
208	BARBARA YOCKEY LAW OFFICE PLLC
210	MULDERS BARBER SHOP
212	THE AMERICAN LEGION
216	NICHOLS HENRY D DDS
221	MUXLOW, JOEL
	WILLS, ELIZABETH M
223	GREAT LAKES HOME HEALTH CARE
225	GUERRERO, JOSE M
230	ATKINS INSURANCE GROUP INC
234	THE FRONT ROW BAR & GRILL
237	GENTGES, ADAM
	IMLAY CITY CLEANERS
243	CHURCHILL INSURANCE AGENCY
335	NARAYAN MED TECH LLC SHRIJI PHYSICAL
395	COUNTY OF LAPEER
	LAPEER COUNTY EMS
418	EVIES HAIR VILLA
	STYLES BY CONNIE
420	FASTALK WIRELESS

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 2014

140	LAPEER GRAIN EAST IMLAY CITY INC
350	WITTOCK KITCHEN & BATH
375	MIKES STARTER & ALTERNATOR SERVICE

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 2014

201	GEM & DIAMOND SPECIALISTS
	JOHNSON, JEFFRY A
202	LENGEMANN JOHN L ATTY
	MILLER SALLY A ATTY
	MORRICE LENGEMANN & MILLER PC
	MORRICE LENGEMANN & MILLER PC ATTYS
	SILVERBERG HAYLEY A
204	HISPANIC SERVICES
	RAPPUHN, MINDI
206	GONZALEZ, JACQUELYN
208	KELLYS PET GROOMING
210	SPORTMENS BARBER SHOP
212	THE AMERICAN LEGION
216	FISHER AARON A DDS
	IMLAY CITY DENTAL PLLC
	NICHOLS HENRY D DDS
	THE PERFECT SMILE
220	BRYANT, ANDREA N
	DELGADO, RAUL
	RUIZ, ERIC
221	BERNARD, KRISTINA
	WALKER, SANDRA S
223	GREAT LAKES HOME HEALTH CARE
225	MURRAY, TOMASA M
230	ATKINS INSURANCE GROUP INC
234	THE FRONT ROW BAR & GRILL
237	GENTGES, ADAM
	IMLAY CITY CLEANERS
	JUDD, CINDY L
243	CHURCHILL INSURANCE
	MALDONADO, LUCINDA J
244	LEARNING DEPOT
	MICHIGAN BUSINESS PRODUCTS & THE L
310	UNITED STATES GOVERNMENT
335	NARAYAN DRUGS & PHARMACY LLC
	NARAYAN MED TECH LLC SHRIJI PHYSICAL
395	COMMISSION ON AGING
	IMLAY CITY
	LAPEER COUNTY EMS
	LAPEER COUNTY GOVERNMENT
418	EVIES HAIR VILLA
	STYLES BY CONNIE

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 2010

140	LAPEER GRAIN EAST IMLAY CITY
155	QUINTANA, DAVID A
325	GYGUSA INC
375	MIKES STARTER & ALTERNATOR

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 2010

200	ALL THE BEST BRIDAL CLLCTNS
201	GEM & DIAMOND SPECIALISTS
	JOHNSON, JEFFRY A
202	MORRICE LENGEMANN & MILLER
206	EMPLOYMENT GIANT
208	KELLYS PET GROOMING
212	AMERICAN LEGION
213	IMLAY CITY CLEANERS
216	IMLAY CITY DENTAL
218	FIRST IMPRESSIONS STUDIO
219	GUMDROP JUNCTION & GIFTS
220	BRYANT, ROBERT W
	DELGADO, RAUL
	HERNANDEZ, RAUL
	LA CALERA GROCERY
	LENGEMANN JOHN L
	RUIZ, ROSALINA M
221	CHAPMAN, NORMA
	JIMENEZ, DURAN J
	JULIAN, MATTHEW
225	GUERRERO, JOSE M
230	ATKINS INSURANCE GROUP INC
234	FRONT ROW BAR & GRILL
237	A 1 FLAGS R US
243	CHURCHILL INSURANCE
244	LEARNING DEPOT
	MICHIGAN BUSINESS PRODUCTS
310	US POST OFFICE
335	IMLAY CITY CITY OFFICE
	LAPEER COUNTY EMERGENCY MED
387	IMLAY CITY POOL
395	IMLAY CITY POLICE DEPT
	LAPEER COUNTY SENIOR PROGRAMS
400	IMLAY CITY SIGNS
418	OPTIONS SALON
	STYLES BY CONNIE
420	GREAT OAKS FLOORING

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 2005

155	QUINTANA, DAVID A
325	GYG USA INC
350	NU WAY SUPPLY CO INC
375	TONYS ELECTRIC SUPPLY CO INC

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 2005

200	VIRGILIOS BANQUET FACILITY
201	GEM & DIAMOND SPECIALISTS
	JOHNSON, JEFFRY A
202	JOHN L LENGEMAN
	MILLER SALLY A
	MORRICE LENGEMANN & MILLER PC
204	PATRICK DODGE
206	CLASSIC SPORTS PHOTOGRAPHY
208	KELLYS PET GROOMING
212	AMERICAN LGN IMLAY CITY POST
213	ARTPLACE DRYCLEANERS
216	IMLAY CITY DENTAL PLLC
218	FIRST IMPRESSIONS STUDIO
219	ALL THE BEST BRIDAL COLLECTION
220	BRYANT, ROBERT
221	JOSE, J M
	ROJAS, JACINTO
	SECORD, AMANDA
223	STATE FARM / STEVE ROBBINS
225	OCCUPANT UNKNOWN,
229	CLASSIC CUTZ & NAILZ
230	ATKINS & HABLE AGNCY GROUP LLC
	ATKINS INSURANCE GROUP INC
237	CASE, JAMEE L
	MICHIGAN BUSINESS PRODUCTS & SERVICE
	PITTCO TECHNOLOGIES
243	AUTO OWNERS INSURANCE / CHURCHILL IN
310	UNITED STATES POSTAL SERVICE
335	IMLEY CITY POLICE DEPARTMENT
	POLICE DEPT ADMINISTRATIVE
400	IMLAY CITY SIGNS
	OCCUPANT UNKNOWN,
418	NORTHERN LIGHTS TANNING SALON
420	IMLAY CITY FITNESS

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 2000

140	LAPEER GRAIN EAST IMLAY CITY INCORPORATED
350	NU WAY SUPPLY COMPANY INCORPORATED
375	MIKES STARTER & ALTERNATOR SERVICE
	TONYS ELECTRIC SUPPLY COMPANY

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 2000

200	BEAUTIFUL BEGINNINGS BRIDAL SALON
	VICTORIAN MANOR BANQUET FACILITIES & WEDDING CHAPEL
201	GEM & DIAMOND SPECIALISTS
202	LENGEMANN JOHN L ATTORNEY
	MILLER SALLY A
	MORRICE LENGEMANN & ZIMMERMAN PC ATTORNEYS
	ZIMMERMAN MARILYN J ATTORNEY
	ZIMMERMAN MARILYN SAK
204	DODGE PATRICK
206	TOTS TO TEENS RESALE SHOPPE
208	BEREAN BAPTIST FELLOWSHIP CHURCH
210	MULDERS BARBER SHOP
212	AMERICAN LEGION POST 135
213	ARTPLACE CLEANERS
	ARTPLACE DRYCLEANERS
216	FAMILY DENTAL CARE
	NICHOLS HENRY D DDS
218	STITCH GROUP THE
219	IMLAY CITY FLOWER SHOP
220	BRYANT, A
	LACALERA GROCERY
221	CUSTOM LETTERING & DESIGN
	RAYMOND, ROBERT C
223	ROBBINS STEVE INS STATE FARM INSURANCE AGENT
	STATE FARM INSURANCE
229	CLASSIC CUTZ & NAILZ
230	NORTHEAST SURVEY & ASSOCIATES INCORPORATED
234	RAYS BAR
235	BROOKS JAMES W INSURANCE
237	CONTINENTAL MORTGAGE CORPORATION
	GRINNELL, LAWR J
	PERFECTLY CLEAN
	PITTCO TECHNOLOGIES
	PULEO, JOHN
	SWOPSHER, DEBORAH A
243	CHURCHILL INSURANCE AGENCY
244	IMLAY CITY MONUMENTS
	MEMORY JUNCTION ANTIQUES & COLLECTIBLES
300	J & J TV & ANTENNA
310	POST OFFICE
335	FIRE DEPARTMENT IMLAY CITY
	IMLAY CITY GOVERNMENT POLICE DEPARTMENT
	IMLAY CITY POLICE DEPARTMENT
	LAPEER COUNTY EMERGENCY MEDICAL SERVICE
	POLICE DEPARTMENT IMLAY CITY
387	IMLAY CITY GOVERNMENT POOL
395	COMMISSION ON AGING
	EBERT GALEN R DO
	HANEY MERLE B MD
	HARRINGTON DONALD P DO

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 2000 (Cont'd)

395	IMLAY CITY HEALTH CENTER
	LAPEER COUNTY GOVERNMENT
	LAPEER COUNTY GOVERNMENT COMMISSION ON AGING
	LAPEER COUNTY OF DEPARTMENT OF SENIOR ACTIVITIES
	MCLAREN COMMUNITY MEDICAL CENTER
	WURSTER FREDERICK R DO
400	IMLAY CITY CITY GOVERNMENT
	IMLAY CITY SIGNS
418	NAILS BY ROBBIE
	NORTHERN LIGHTS TANNING
	STYLES BY CONNIE
420	IMLAY CITY JEWELRY
	PAGERS & PHONES
	SMI COMMUNICATIONS INCORPORATED

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 1995

140	LAPEER CO CO OP INC
	LAPEER CO CO-OP
	LAPEER COUNTY CO OP INC
175	GINGELL, STUART A JR
350	NU WAY SUPPLY CO
375	TONYS ELECTRIC SUPPLY CO

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 1995

200	BEAUTIFUL BEGINNINGS BRIDAL
	BEAUTIFUL BGNNGS
	VICTORIAN MANOR BANQUET
201	JOHNSON, JEFF
	NORMAN, DAN
	YAMAGUCHI, YUJI
202	J D MORRICE ATY
	J L LENGEMANN ATY
	JAMES D MORRICE
	JULIE M CARROLL
	LENGEMANN JOHN ATTY
	M J ZIMMERMAN ATY
	MARILYN J ZIMMERMAN
	MORRICE LENGEMANN & ZIMMERMAN
	MORRICE&ASSOCS ATY
204	MOROCCO, JOEL
	PROGRSV MRKTG ASSOC
206	FLORES, ENRIQUE
208	AMYS
	SWEATER SHOP THE
210	MULDERS BARBER SHOP
213	ARTPLACE CLEANERS
216	HENRY D NICHOLS DDS
218	FIRST IMPRESSIONS STUDIO
219	IMLAY CITY FLOWER SHOP
220	ANDREAS SALON BTY
	BRYANT, ROBERT
223	KARENS KRAFT KORNER
	OCCUPANT UNKNOWNN
	STATE FARM INS
	STATE FARM INSURANCE
	STEVE ROBBINS
225	GILMORE, MARION M
227	DIVINE OBSESSONS
	JOES RECORD&TAPE SH
	WILLIAMS, DANNY
229	CLASSIC CUTZ & NAILZ
	PATS BEAUTY SHOP
230	NORTHEAST SURVEY & ASSOC INC
	SMITH GLENN L MD
234	RAYS BAR
235	JAMES W BROOKS INSURANCE
237	COLBY, JOHN
	GRINNELL, LAWR J
243	CHURCHILL INS AGCY
	CHURCHILL INSURANCE
244	COUNTRY COLLECTIBLE
	MEMORY JCT ANTIQUE
300	J & J TV & ANTENNA
310	US POST OFFICE

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 1995 (Cont'd)

395	FREDERICK R WURSTER DO
	FREDERICK R WUTSTER DO
	GALEN EBERT DO
	IMLAY CITY HEALTH CTR
	LAP CO DEPT SR ACT
	LAPEER CO SNR ACTVY
	LAPEER COUNTY GOVERNMENT
400	JETS COLLISION
418	TOMS TROPHIES
420	M 53 PARTY STORE
	TOM&DEBBYS PARTY ST

Target Street	Cross Street	Source
-	✓	Cole Information

E 2ND ST 1992

140	LAPEER CNTY CO-OP
	LAPEER CO CO OP INC
230	BABCOCK, ALLEN T
350	NU WAY SUPPLY CO
	NU-WAY SUPPLY CO
375	MADISON STARTER
	TONYS ELECTRC SPLY

Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 1992

200	BEAUTIFUL BEGINNGS
	BEAUTIFUL BGNNGS
	HOME&HEARTH CRAFTS
	MOTHERS BEST SHOP
	VICTORIAN MANOR
202	J D MORRICE ATY
	J L LENGEMANN ATY
	LENGEMANN JOHN ATTY
	M S GREENER ATY
	MORRICE JAMES ATTY
	MORRICE&ASSC ATY
	MORRICE&ASSOCS ATY
204	DODGE, PATRICK C
	MOROCCO, JOEL
	PROGRSV MRKTG ASSOC
206	H&R BLOCK CO
208	SWEATER SHOP THE
	THE SWEATER SHOP
210	MULDERS BARBER SH
	MULDERS BARBER SHOP
213	ART PLACE CLEANERS
	ARTPLACE CLEANERS
216	ARETAKIS DONNA DDS
	DR DONNA ARETAKIS
	DR HENRY D NICHOLS
219	IMLAY CITY FLWR SH
	IMLAY CTY FLOWER SH
220	ANDREAS BTY SLN
	ANDREAS SALON BTY
	BRYANT, ROBERT
221	WHITSELL, RICK J
223	KARENS KRAFT KORNER
	KARENS KRAFT KORNR
225	KUSTOM PAINTERS
227	JOES RECORD&TAP SH
	JOES RECORD&TAPE SH
229	PATS BEAUTY SHOP
230	SMITH GLENN L MD
234	RAYS TAVERN
235	BROOKS JAMES W INS
	J W BROOKS INS
243	CHURCHILL INS AGCY
244	COUNTRY COLLCTBLS&
	COUNTRY COLLECTIBLE
300	J&J TV
	J&J TV&ANTENNA
310	POST OFC
	POST OFFICE IMLAY
	US GOVERNMENT
	US POST OFFICES

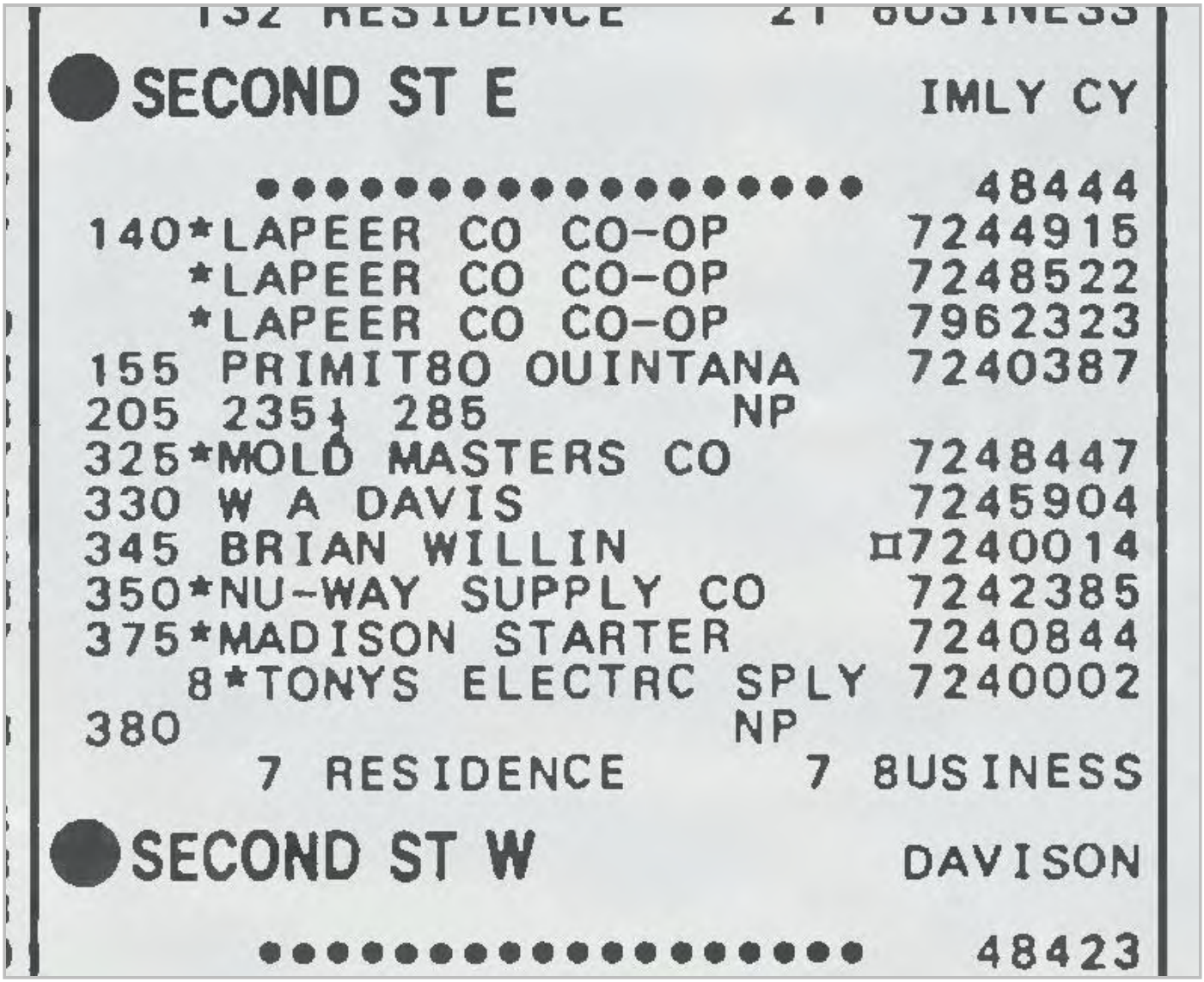
Target Street	Cross Street	Source
✓	-	Cole Information

E 3RD ST 1992 (Cont'd)

334	FIRE DEPT
395	COMMISSION ON AGE
	DR F WURSTER
	DR GALEN EBERT
	IMLAY CITY HLTH CT
	LAP CMSN ON AGNG
	LAP CO DEPT SR ACT
	LAPEER CO CMSN AGNG
	LAPEER CO SNR ACTVY
	WURSTER FREDK DO
400	CITY AMBULANC SERV
	CITY FIRE DEPT
	CITY POLICE DEPT
	IMLAY CTY GOVT AMBL
	JETS COLLISION
	POLICE DPT IMLY CY
418	JACKS R BETTER
	TOMS TROPHIES
420	TOM&DEBBYS PARTY S
	TOM&DEBBYS PARTY ST

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

E 2ND ST 1987



132 RESIDENCE 21 BUSINESS

SECOND ST E IMLY CY

•••••••••••••••••••• 48444
140*LAPEER CO CO-OP 7244915
*LAPEER CO CO-OP 7248522
*LAPEER CO CO-OP 7962323
155 PRIMIT8O OUINTANA 7240387
205 235½ 285 NP
325*MOLD MASTERS CO 7248447
330 W A DAVIS 7245904
345 BRIAN WILLIN ¤7240014
350*NU-WAY SUPPLY CO 7242385
375*MADISON STARTER 7240844
8*TONYS ELECTRC SPLY 7240002
380 NP
7 RESIDENCE 7 8USINESS

SECOND ST W DAVISON

•••••••••••••••••••• 48423

Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

E 3RD ST 1987

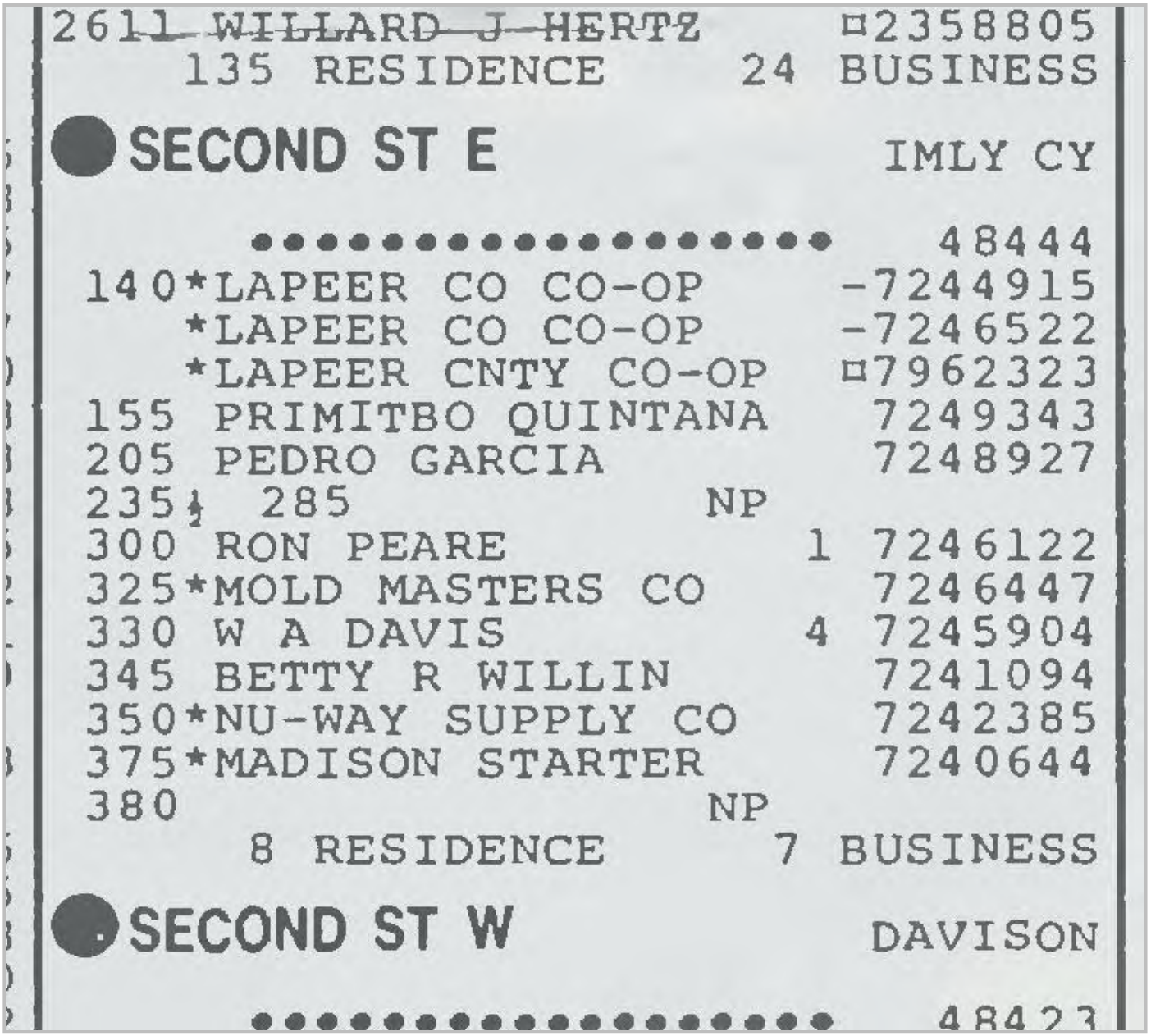
THIRD ST E

	●●●●●●●●●●●●●●●●●●	48444
204	*H&R BLOCK CO	-7241038
	*H&R 8LOCK CO	-7241038
	*IMLAY CTY 8KKPNG	¤7241038
	*NUTRITION PLUS	-7240607
206	*DR D H BUSH	7246644
	SHAWNE M GILES	¤7241300
208	*AMERICAN PRODUCTS	7241490
	*UNITED INDUSTRIES	7246996
210	*MULDERS 8ARBER SH	7240711
212	*IMLAY TOWNSHP L8RY	7248043
213	*ARTPLACE CLEANERS	7247685
216	*DR HENRY NICHOLS	7248080
218	*DETROIT FREE PRESS	7241390
219	*IMLAY CTY FLWR SP	7241816
220	*THE VOGUE FASHIONS	7248880
222	NP	
223	*KARENS KRAFT KORNR	7240005
225	NP	
229	*PATS 8EAUTY SHOP	7246225
230	*DR GLENN L SMITH	7247055
234	*RAYS TAVERN	7247765
235	*C&Z PARTS&APPLNCE	7246808
237	LEE R MICKEL	¤7241509
	DE8ORAH L SOLLMAN	¤7241867
	½LAWR J GRINNELL 5	7246042
243	*CHURCHILL INS	7246218
	*CHURCHILL INSR AGY	7240117
244	*THE COUNTRY CORNER	7244083
300	*J&J T V	7246970
310	*US POST OFFICE	7247545
	*US POST OFFC	7247545
395	*COMMISSION ON AGE	¤7246030
	*LAMB STEELE MED CT	¤7241095
	*CO LAPEER GOVNT	-7246030
418	*TOMS TROPHIES	7241808
420	*ARMOR MART	7246444
	*YUMMIES	7244545
	12 RESIDENCE 60 8USINESS	

THIRD ST W DAVISON

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

E 2ND ST 1982



2611 ~~WILLARD J HERTZ~~ □2358805
135 RESIDENCE 24 BUSINESS

SECOND ST E IMLY CY

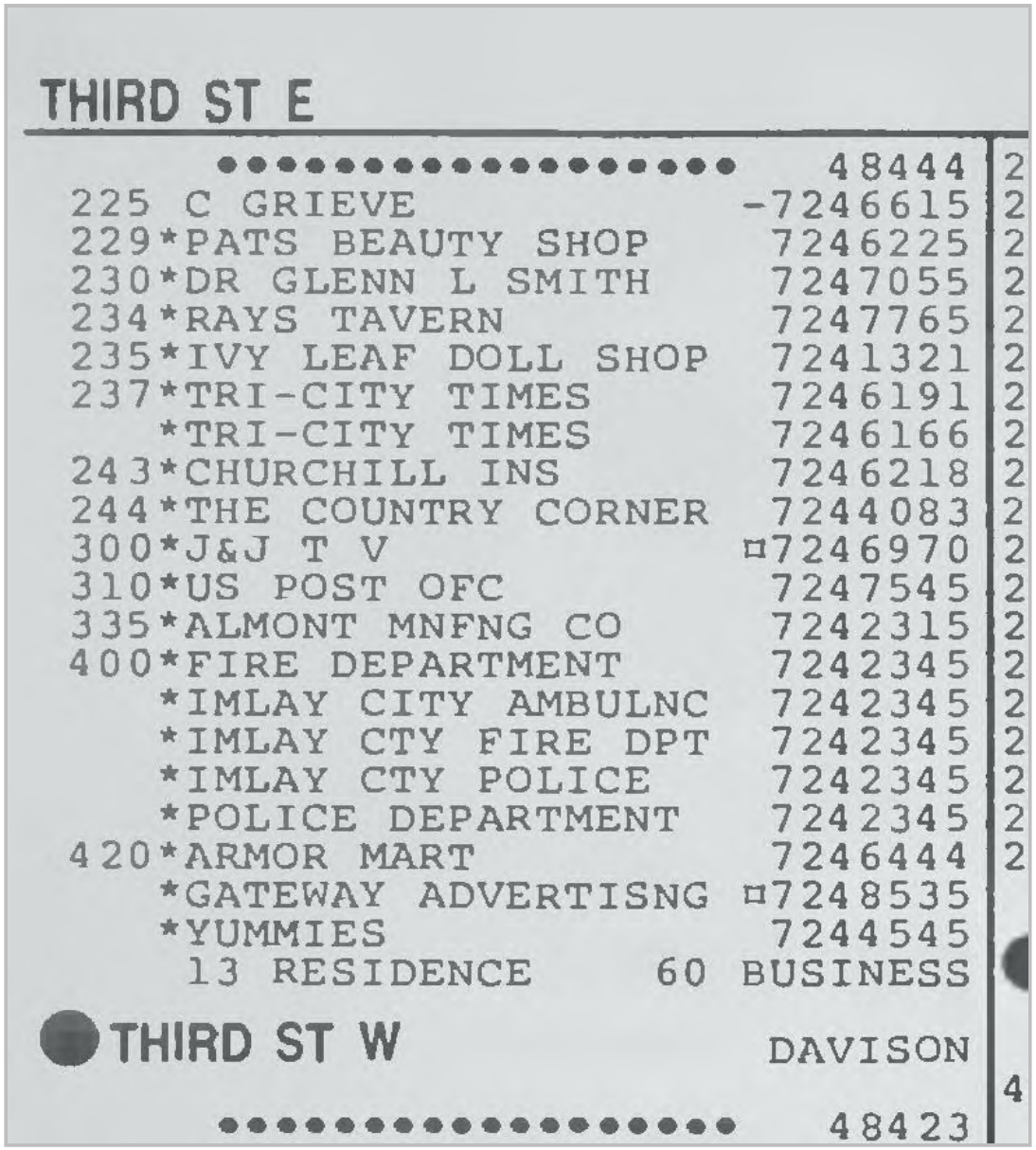
•••••••••••••••••••• 48444
140 *LAPEER CO CO-OP -7244915
*LAPEER CO CO-OP -7246522
*LAPEER CNTY CO-OP □7962323
155 PRIMITBO QUINTANA 7249343
205 PEDRO GARCIA 7248927
235½ 285 NP
300 RON PEARE 1 7246122
325 *MOLD MASTERS CO 7246447
330 W A DAVIS 4 7245904
345 BETTY R WILLIN 7241094
350 *NU-WAY SUPPLY CO 7242385
375 *MADISON STARTER 7240644
380 NP
8 RESIDENCE 7 BUSINESS

SECOND ST W DAVISON

•••••••••••••••••••• 48423

Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

E 3RD ST 1982

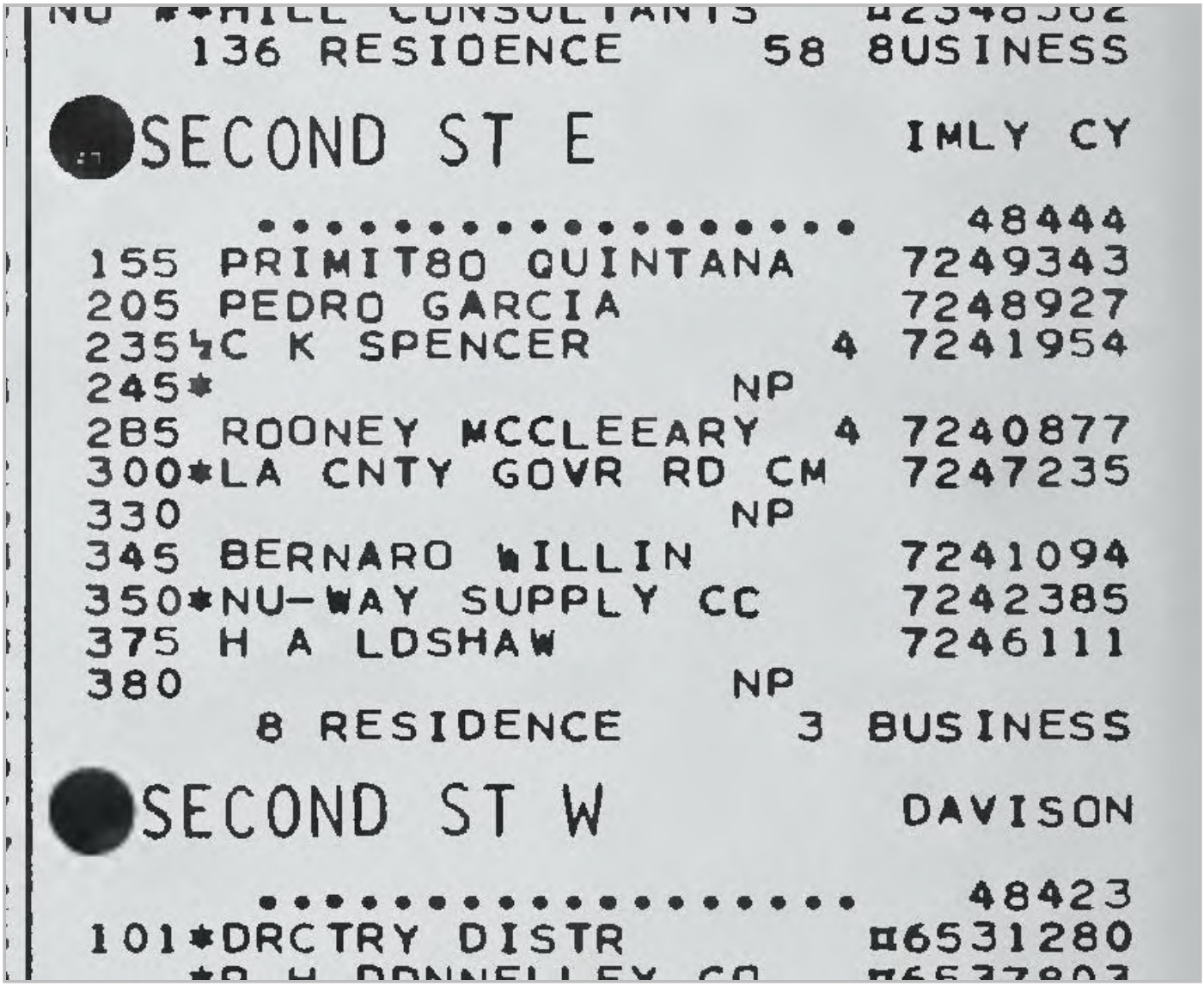


THIRD ST E

●●●●●●●●●●●●●●●●●●	48444	2
225 C GRIEVE	-7246615	2
229*PATS BEAUTY SHOP	7246225	2
230*DR GLENN L SMITH	7247055	2
234*RAYS TAVERN	7247765	2
235*IVY LEAF DOLL SHOP	7241321	2
237*TRI-CITY TIMES	7246191	2
*TRI-CITY TIMES	7246166	2
243*CHURCHILL INS	7246218	2
244*THE COUNTRY CORNER	7244083	2
300*J&J T V	¤7246970	2
310*US POST OFC	7247545	2
335*ALMONT MNFNG CO	7242315	2
400*FIRE DEPARTMENT	7242345	2
*IMLAY CITY AMBULNC	7242345	2
*IMLAY CTY FIRE DPT	7242345	2
*IMLAY CTY POLICE	7242345	2
*POLICE DEPARTMENT	7242345	2
420*ARMOR MART	7246444	2
*GATEWAY ADVERTISNG	¤7248535	
*YUMMIES	7244545	
13 RESIDENCE 60 BUSINESS		
THIRD ST W	DAVISON	
		4
●●●●●●●●●●●●●●●●●●	48423	

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

E 2ND ST 1977



Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

E 3RD ST 1977

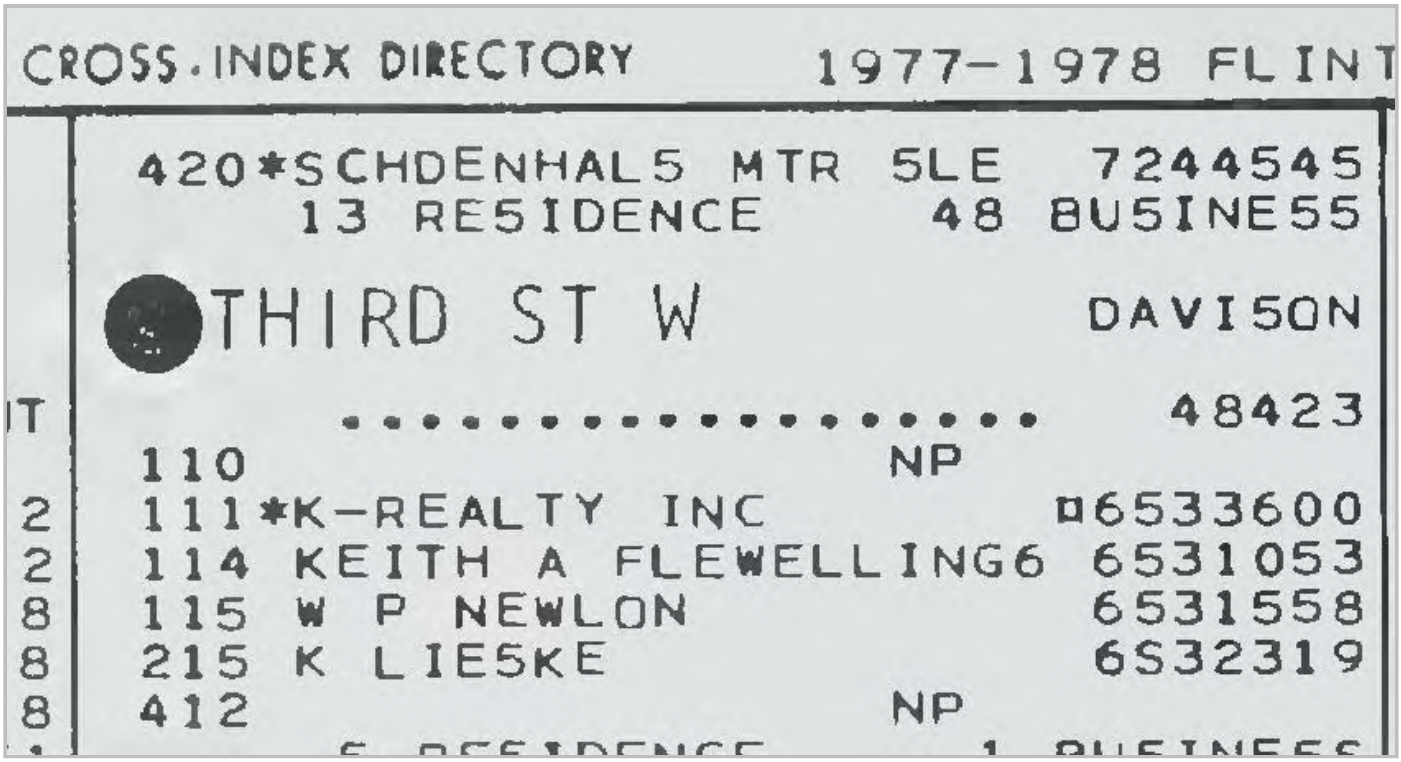
THIRD ST E IMLY CY

		48444
100	*AMERICAN IONIA INC	7241280
	*WESTERN AUTO ASSOC	7247485
101	*ENRIGHTS CONSTRUCT	7240700
102	A M LAFORTE	¤7247035
104	NP	
10S	*JAMIE KAY OF IMLAY	¤7246080
106	*FASHION LANE	7241010
109	*HALLS MARKET MEAT	7245915
110	*DOUGS SHELL SERVIC	7248920
112	MIKE BELL	¤7246136
	*COSCARELLIS PTY SP	7245865
113	*THE PINCUSHION	7247065
118	*L C CRADALL&ASSOCT	7242975
	HAROLD MCKILLEN	7245265
122	*KINGS&QUEENS HAIR	¤7248340
	B V STEINBERG	7247822
126	*CHICKS BARBER SHOP	7248010
130	*MACDONALD JEWELRY	7241995
131	*DEANS PHARMACY	7247945
134	*IMLAY CITY BAKERY	7244345
137	*BAIRDS TRUE VALUE	7244685
144	*COLES CLEANERS	7246213
147	NP	
149	*RILEYS MENS WEAR	7244015
150	*OLIVER CRDT CORP	7243225
	*CLIVER CRDT CORP	7241040
151	*STATE FARM INS	¤7245955
	*STATE FARM INS	¤7246001
	*WM DALE WILCOX INS	7245955
	*W D WILCOX INS	¤7246001
156	*CUSTOM CARPENTRY	¤7246144
158	*CRAMERS FRNTRE INC	7247435
202	*J L LENGEMANN ATTY	7242565
	*JAMES D MORRICE AT	7242565
	*MORRICE&ASSC ATTYS	7242565
	*R W RICKARD ATTY	7242565
204	LARRY LICHTENFELT 6	7247095
	*MUIR INS AGCY	7247095
206	DONALD MOROCCO	¤7241934
	*PEGGYS BEAUTY SHOP	7243705
210	*MULDERS BARBER SH	7240711
212	*IMLAY TOWNSHP LBRY	7248043
213	*ARTPLACE CLEANERS	7247685
220	ARTHUR .STANLAKE	¤7246172
	*THE VOGUE FASHIONS	7248880
222	SUSAN KENNEDY	7247823
223	*BUSY BEA CERAMICS	-7240005
227	*CALVINS RADO&HI-FI	7248101
229	*PATS BEAUTY SHOP	7246225
230	*DR GLENN L SMITH	7247055
234	*RAYS TAVERN	7247765
235	NP	
237	RICHARD TAPIA 4	7248497
243	HOWARD CHURCHILL	7243025
	*CHURCHILL INS	7246218
244	*THE COUNTRY CORNER	7244083
310	*US POST OFC	7247545
335	*ALMONT MNFNG CO	7242315

MAY NOT BE KEY PUNCHED, ENTERED INTO A COMPUTER, C

Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

E 3RD ST 1977



CROSS.INDEX DIRECTORY 1977-1978 FLINT

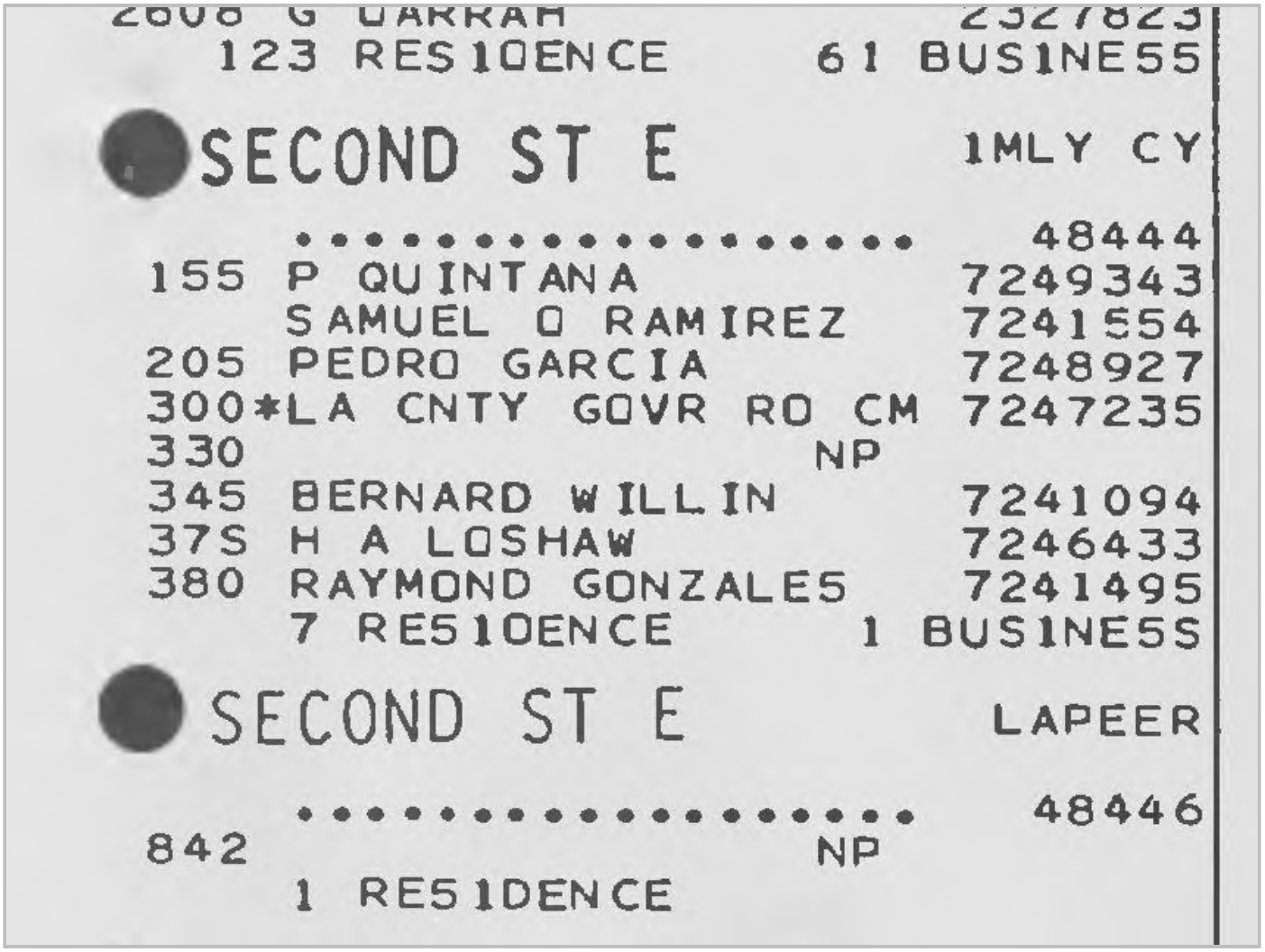
420 *SCHDENHALS MTR SLE 7244545
13 RESIDENCE 48 BUSINESS

THIRD ST W DAVISON

IT 48423
110 NP
2 111 *K-REALTY INC ▫6533600
2 114 KEITH A FLEWELLING6 6531053
8 115 W P NEWLON 6531558
8 215 K LIESKE 6532319
8 412 NP

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

E 2ND ST 1974



2608 G UARRAH 2327823
123 RESIDENCE 61 BUSINESS

SECOND ST E 1MLY CY

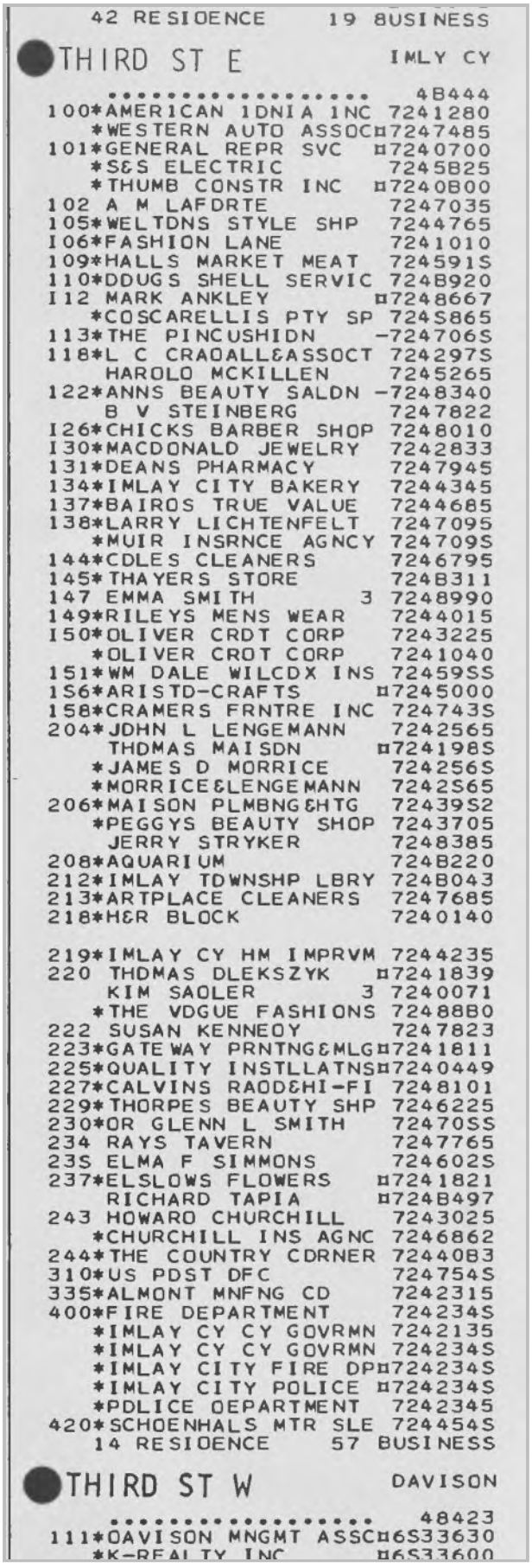
48444
155 P QUINTANA 7249343
SAMUEL O RAMIREZ 7241554
205 PEDRO GARCIA 7248927
300 *LA CNTY GOVR RO CM 7247235
330 NP
345 BERNARD WILLIN 7241094
37S H A LOSHAW 7246433
380 RAYMOND GONZALES 7241495
7 RESIDENCE 1 BUSINESS

SECOND ST E LAPEER

48446
842 NP
1 RESIDENCE

Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

E 3RD ST 1974



42 RESIDENCE 19 BUSINESS

THIRD ST E IMLY CY

48444
100*AMERICAN INDIA INC 7241280
*WESTERN AUTO ASSOC¤7247485
101*GENERAL REPR SVC ¤7240700
*S&S ELECTRIC 7245825
*THUMB CONSTR INC ¤7240800
102 A M LAFORTE 7247035
105*WELTONS STYLE SHP 7244765
106*FASHION LANE 7241010
109*HALLS MARKET MEAT 724591S
110*DOUGS SHELL SERVIC 7248920
112 MARK ANKLEY ¤7248667
*COSCARELLIS PTY SP 724S865
113*THE PINCUSHION -724706S
118*L C CRAGALL&ASSOCT 724297S
HAROLD MCKILLEN 7245265
122*ANNS BEAUTY SALON -7248340
B V STEINBERG 7247822
126*CHICKS BARBER SHOP 7248010
130*MACDONALD JEWELRY 7242833
131*DEANS PHARMACY 7247945
134*IMLAY CITY BAKERY 7244345
137*BAIROS TRUE VALUE 7244685
138*LARRY LICHTENFELT 7247095
*MUIR INSRNCE AGNCY 724709S
144*CODLES CLEANERS 7246795
145*THAYERS STORE 7248311
147 EMMA SMITH 3 7248990
149*RILEYS MENS WEAR 7244015
150*OLIVER CRDT CORP 7243225
*OLIVER CROT CORP 7241040
151*WM DALE WILCOX INS 72459SS
156*ARISTO-CRAFTS ¤7245000
158*CRAMERS FRNTRE INC 724743S
204*JOHN L LENGEMANN 7242565
THOMAS MAISON ¤724198S
*JAMES D MORRICE 724256S
*MORRICE&LENGEMANN 7242S65
206*MAISON PLMBNG&HTG 72439S2
*PEGGYS BEAUTY SHOP 7243705
JERRY STRYKER 7248385
208*AQUARIUM 7248220
212*IMLAY TOWNSHP LBRY 7248043
213*ARTPLACE CLEANERS 7247685
218*H&R BLOCK 7240140

219*IMLAY CY HM IMPRVM 7244235
220 THOMAS DLEKSZYK ¤7241839
KIM SADLER 3 7240071
*THE VOGUE FASHIONS 72488B0
222 SUSAN KENNEDY 7247823
223*GATEWAY PRNTNG&MLG¤7241811
225*QUALITY INSTLLATNS¤7240449
227*CALVINS RADO&HI-FI 7248101
229*THORPES BEAUTY SHP 7246225
230*DR GLENN L SMITH 72470SS
234 RAYS TAVERN 7247765
235 ELMA F SIMMONS 724602S
237*ELSLOWS FLOWERS ¤7241821
RICHARD TAPIA ¤7248497
243 HOWARD CHURCHILL 7243025
*CHURCHILL INS AGNC 7246862
244*THE COUNTRY CORNER 7244083
310*US POST OFC 724754S
335*ALMONT MNFNG CO 7242315
400*FIRE DEPARTMENT 724234S
*IMLAY CY CY GOVRMN 7242135
*IMLAY CY CY GOVRMN 724234S
*IMLAY CITY FIRE DP¤724234S
*IMLAY CITY POLICE ¤724234S
*POLICE DEPARTMENT 7242345
420*SCHOENHALS MTR SLE 724454S
14 RESIDENCE 57 BUSINESS

THIRD ST W DAVISON

48423
111*DAVISON MNGMT ASSC¤6S33630
*K-REALTY INC ¤6S33600

Appendix F

Prior Report Excerpts

August 25, 2015

Mr. Randall Rothe
Michigan Department of Environmental Quality
2100 West M-32
Gaylord, Michigan 49735

Re: Expanded Triage Program (ETP) – Limited Site Investigation
Imlay City DPW
400 East 3rd Street
Imlay City, Lapeer County, Michigan
Facility ID: #0-0014763

Dear Mr. Rothe:

The Mannik & Smith Group, Inc. (MSG) has been retained by the Michigan Department of Technology, Management and Budget (DTMB) to provide limited site investigation services on behalf of the Department of Environmental Quality (DEQ) under their Expanded Triage Program (ETP). This report summarizes MSG's limited site investigation activities conducted at the Imlay City DPW site, located at 400 East 3rd Street in Imlay City, Lapeer County, Michigan (*Figure 1, Site Location*).

These activities were performed in general accordance with our 2015 Environmental Expanded Triage Work Plan for the Lansing District. The findings of this report are valid as of the report date, subject to the limitations presented in *Attachment A, Triage Site Investigation Limitations*.

On June 1, 2015, MSG conducted a geophysical survey at the site within an area defined by David LaBrecque, DEQ's State Project Manager (SPM). Prior to the geophysical survey, MSG contacted MISS DIG for utility marking at the site. When readily available, MSG also reviewed utility maps and discussed utility information with the site owners/occupants. The geophysical survey consisted of a ground penetrating radar (GPR) survey. The GPR survey was conducted using a Geophysical Survey Systems, Inc. (GSSI) SIR-3000 GPR Data Acquisition System equipped with a 400 Megahertz (MHz) antenna mounted on a wheeled cart. An electromagnetic (EM) survey was not conducted at this site due to the presence of concrete and rebar. Anomalies were marked in the field and surveyed with a hand-held GPS unit with subfoot accuracy. GPR penetration depth generally ranges from six to eight (6-8) feet below ground level (bgl) using the 400 MHz antenna. MSG identified the following geophysical and utility features at the site.

- Electric, Gas, Sanitary, and Water lines marked by MISS DIG prior to survey.

Results of the geophysical survey and utility information are shown on *Figure 2, Site Schematic* and described in the daily field logs included in *Attachment B, Daily Field Logs*.

On July 14-15, 2015, MSG advanced a total of ten (10) soil borings using direct-push techniques. Soil borings were advanced to a maximum depth of 25 feet bgl. Soil profiles were continuously collected from ground surface to boring terminus and field screened with a calibrated photoionization detector (PID). Soils encountered generally consisted

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2365 Haggerty Road South, Canton, Michigan 48188 Tel: 734.397.3100 Fax: 734.397.3131 www.MannikSmithGroup.com

of alternating intervals of sand, silt, and sandy clay. Groundwater was encountered during drilling activities in all of the boring locations at depths ranging from approximately five (5) to nineteen (19) feet bgl. Indications of petroleum impact (elevated PID readings, petroleum sheen, and/or petroleum-like odor) were observed at all soil boring locations SB-01 through SB-10. Blacking staining was observed at soil boring location SB-03. PID field screenings of the soil profiles ranged from less than 1.0 part per million (ppm) to a maximum of greater than 1,000 ppm (SB-01 through SB-05). Soil boring locations are depicted on Figure 2. Daily field logs are included in Attachment B. Soil boring logs are presented in *Attachment C, Soil Boring Logs*. Photographs of the site activities are included in *Attachment D, Photolog*.

Samples for laboratory analysis were selected using the following prioritized field indicators.

1. Samples with visible staining, petroleum droplets, sheen, petroleum odors.
2. Samples with PID readings above 1,000 parts per million (ppm).
3. Samples with PID readings between 500 ppm and 999 ppm.
4. Samples with PID readings between 100 ppm and 499 ppm.
5. Samples with PID readings between 1 ppm and 99 ppm.
6. Soil sample from immediately above the water table (vadose) or soil sample from boring terminus (if no groundwater is encountered) and nearest the source area for saturated soil/groundwater samples.

Below is a summary of samples submitted for laboratory analysis.

Sample Selection Summary

Sample ID	Soil Boring	Sample Type	Sample Depth (ft)	Field Indicator
SB-01 (11')S	SB-01	Soil	11	PID = 1,501 ppm, Petroleum-Like Odor
DUP-1S	SB-01	Soil	11	PID = 1,501 ppm, Petroleum-Like Odor
SB-02 (18')S	SB-02	Soil	18	PID = 1,507 ppm, Petroleum-Like Odor
SB-02 (20')SAT	SB-02	Saturated Soil	20	PID = 1,263 ppm, Petroleum-Like Odor
SB-02 (19-24)W	SB-02	Groundwater	19-24	Groundwater, Petroleum-Like Odor
DUP-1W	SB-02	Groundwater	19-24	Groundwater, Petroleum-Like Odor
SB-03 (16')S	SB-03	Soil	16	PID = 2,560 ppm, Petroleum-Like Odor
SB-03 (20')SAT	SB-03	Saturated Soil	20	PID = 211 ppm, Petroleum-Like Odor, Black Staining
SB-03 (19'-24')W	SB-03	Groundwater	19-24	Groundwater, Petroleum-Like Odor, Black Staining
SB-04 (15')S	SB-04	Soil	15	PID = 1,357 ppm, Petroleum-Like Odor

EXCERPT

Sample ID	Soil Boring	Sample Type	Sample Depth (ft)	Field Indicator
SB-04 (19')SAT	SB-04	Saturated Soil	19	PID = 38.1 ppm, Petroleum-Like Odor
SB-05 (18')S	SB-05	Soil	18	PID = 1,652 ppm, Petroleum-Like Odor
SB-05 (19'- 24')W	SB-05	Groundwater	19-24	Groundwater, Petroleum-Like Odor
SB-06 (18')S	SB-06	Soil	18	PID = 286 ppm, Petroleum-Like Odor
SB-06 (19')SAT	SB-06	Saturated Soil	19	PID = 649 ppm, Petroleum-Like Odor
SB-07 (18')S	SB-07	Soil	18	PID = 757 ppm, Petroleum-Like Odor
SB-07 (19')SAT	SB-07	Saturated Soil	19	PID = 674 ppm, Petroleum-Like Odor
SB-07 (19'- 24')W	SB-07	Groundwater	19-24	Groundwater, Petroleum-Like Odor
SB-08 (18')S	SB-08	Soil	18	PID = 23.1 ppm, Petroleum-Like Odor
SB-08 (19'- 24')W	SB-08	Groundwater	19-24	Groundwater, Petroleum-Like Odor
SB-09 (17')S	SB-09	Soil	17	PID = 16.1 ppm
SB-10 (18')S	SB-10	Soil	18	PID = 105 ppm

MSG collected 10 vadose soil samples, five (5) saturated soil samples, and five (5) groundwater samples for laboratory analysis. In addition, one duplicate soil and one duplicate groundwater sample were collected for quality assurance/quality control (QA/QC) purposes. Soil samples for volatile organic compound (VOC) analysis were preserved in the field using USEPA Method 5035. MSG collected groundwater samples from selected borings using a peristaltic pump and preserved them with hydrochloric acid. All samples were submitted to the MDEQ Laboratory in Lansing, Michigan for VOCs using USEPA Method 8260 with selected vadose soil samples also analyzed for polynuclear aromatic hydrocarbons (PNAs) using USEPA Method 8270. Laboratory reports are to be provided directly to the SPM by the laboratory and are not included within this report. A copy of the chain of custody is included in *Attachment E, Laboratory Chain of Custody.*

MSG appreciates the opportunity to provide these professional services to the DTMB and DEQ and we look forward to continued opportunities with the State.

Sincerely,

Daniel M. Capone

Daniel M. Capone
Project Manager

Walter J. Bolt

Walter J. Bolt, CPG
Program Manager

EXCERPT

EXCERPT

FIGURES

EXCERPT

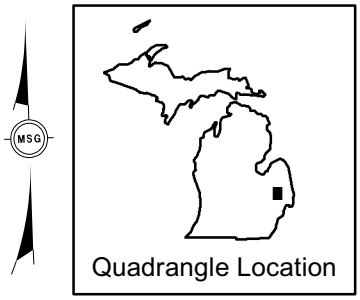
SCALE 1:24000

1 ½ 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

Contour Interval 10 Feet
National Geodetic Vertical Datum of 1929



NOTE: Map adapted from National Geographic TOPO! seamless, scanned images of USGS Topographic Maps, Imlay City, MI (7.5 minute series).

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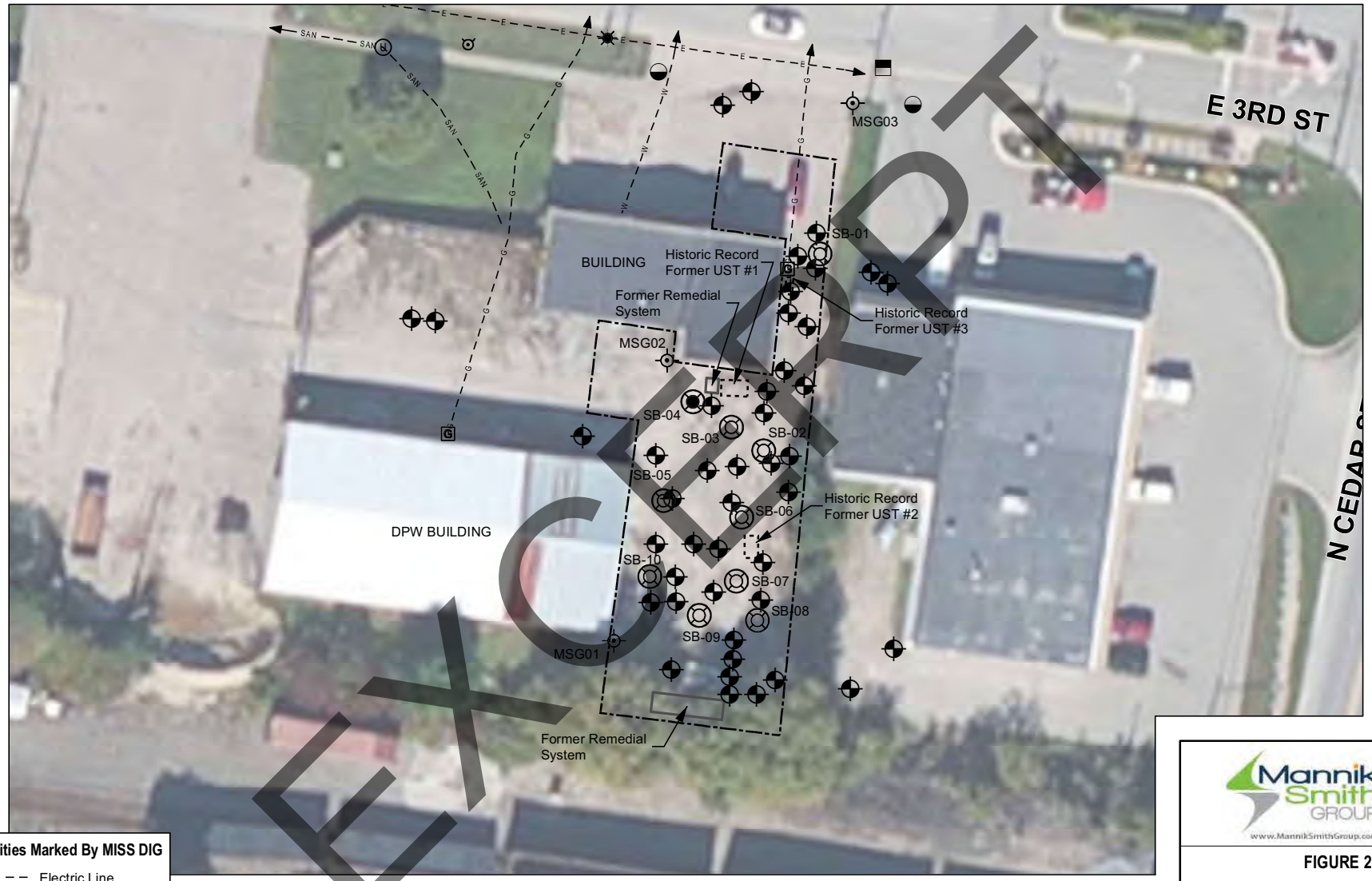
FIGURE 1

SITE LOCATION

Imlay City DPW
400 East 4th Street
Imlay City, Lapeer County, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
6/17/2015	CJB	ZTR	DTMB0256

Date Saved: 6/17/2015 10:46:30 AM
Path: W:\Projects\Projects A-E\DTMB0208\ADMINISTRATION\2015 SWET\2015 SWET DISTRICTS\2015 LANSING DISTRICT\Projects\DTMB0256\GIS\DTMB0256_FIG1_TOPO.mxd



Utilities Marked By MISS DIG

- Electric Line
- Gas Line
- Sanitary Sewer
- Water Line

Legend

- Approx. Geophysical Survey Area
- Former Remedial System
- Approx. UST Location
- Soil Boring
- Monitoring Well
- Catch Basin
- Catch Basin
- Fire Hydrant
- Gas Meter
- Light Pole
- Utility Manhole
- PK Nail

0 30 60

Scale: 1" = 30'

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FIGURE 2

SITE SCHEMATIC

Imlay City DPW
400 East 3rd Street
Imlay City, Lapeer County, Michigan

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
7/08/2015	CJB	ZTR	DTMB0256

Date Saved: 7/29/2015 11:38:06 AM
Path: W:\Projects\Projects A-E\DTMB0208\ADMINISTRATION\2015 SWET\2015 SWET DISTRICTS\2015 LANSING DISTRICT\Projects\DTMB0256\GIS\DTMB0256_FIG2_AERIAL.mxd

EXCERPT

ATTACHMENT A

TRIAGE SITE INVESTIGATION LIMITATIONS

TRIAGE SITE INVESTIGATION LIMITATIONS

This Limited Site Investigation Report and related documentation are site-specific, which means they pertain to the environmental conditions of the site only. This investigation is bound by authorized project scope of work under this contract.

The Mannik & Smith Group, Inc. (MSG) performed its services associated with the Limited Site Investigation in conformance with the care and skill ordinarily used by other reputable environmental consulting firms practicing under similar conditions, at the same time, and in the same or similar locality. In preparing this report, MSG relied upon site background information provided by the DEQ State Project Manager who was responsible for determining geophysical survey boundaries and selecting soil boring locations. Geophysical and drilling services have inherent limitations associated with the equipment, subsurface conditions, and accessibility. MSG makes no representation or warranty regarding the accuracy or completeness of this information gathered through outside sources or subcontracted services. No warranty, guarantee, or certification of any kind, expressed or implied, at common law or created by statute, is extended, made, or intended by rendering these environmental consulting services or by furnishing this written report. Environmental conditions and regulations are subject to constant change and reinterpretation. One should not assume that any onsite conditions and/or regulatory statutes or rules will remain constant after MSG has completed the scope of work for this project. Furthermore, because the facts stated in these reports are subject to professional interpretation, differing conclusions could be reached by other environmental professionals.

Contaminants may be hidden in subsurface material, covered by pavement, vegetation, or other substances. Additionally, contamination may not be present in predictable locations. MSG has prepared a logical assessment program to reduce the client's risk of discovering unknown contamination. This risk may be reduced by more extensive exploration on the site. Even with additional exploration, it is not possible to completely eliminate the risk of discovering contamination on site. It cannot be assumed that samples collected and conditions observed are representative of an area that has not been sampled and/or tested.

Some environmental investigations may be undertaken to satisfy "due diligence", "all appropriate inquiry," or other regulatory requirements provided in federal, state, or local law. Although MSG strives to investigate a site in accordance with the scope of work as defined by written agreement, it cannot warrant that the work undertaken for this report will satisfy "due diligence", "all appropriate inquiry," or any other similar standard under any federal, state, or local law.

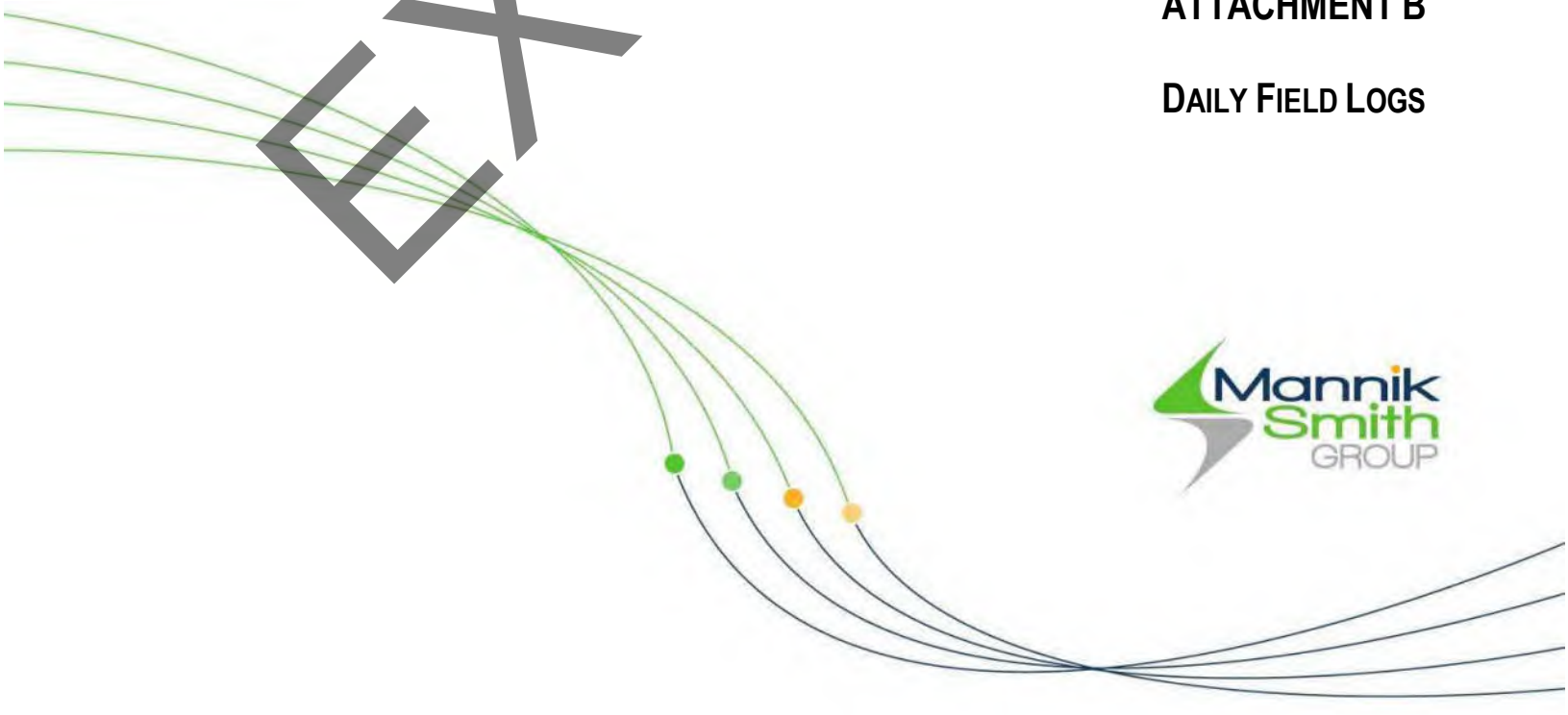
Due to changing environmental regulatory conditions and potential on-site activities after the completion of the limited site investigation, the client may rely upon the conclusions within this report for a period of six months from the report's issuance date.

EXCERPT

EXCERPT

ATTACHMENT B

DAILY FIELD LOGS



TRIAGE GEOPHYSICAL SURVEY FIELD REPORT

Client: Michigan Department of Environmental Quality (MDEQ/MDTMB) **MSG Personnel:** 1
Project: Imlay city DPW, 400 East 3rd Street **MSG Job No.:** DTMB0256

Date:	6-1-15	**Day:**	Monday	**Temperature:**	55˚F -	**a.m.**	˚F **p.m.**
MSG CQA Personnel:				**Cloud Cover:**	overcast-	**a.m.**	**p.m.**
Client Personnel:				**Precipitation:**	None -	**a.m.**	**p.m.**
MSG Hours On-Site:	2.25 hours						

Contractors Information

Contractor: Wiley R. Davenport	No. Men and Type:	Equipment Type:
MSG	1 Operator	SIR 3000 GPR Unit/Fisher TW-6 Pipe & Utility Locator, Trimble GeoXH GPS

Summary of Work Performed / Field Notes:

Site had an abundance of old monitoring wells. Did not observe any anomalies with GPR in the survey area. Did not conduct EM survey due to concrete.

Pre-Survey Instructions

☐ Access Requirements / Notifications / Contacts

☐Survey Restrictions (State Project Manager / Owner / Time / Field Marking)

Site Review

☒ Structures present at indicated locations
☒ Business type: Sign Shop ☐ Active ☒ Inactive
☐ Pavement / surface cover areas
Utilities Marked On-Site (MISSDIG):
☒Electric / ☐Fiber-Optic (Telephone) / ☒Gas / ☐Storm / ☒Sanitary / ☒Water / ☐Other

Site Plan

☐ Fuel System (UST / Fill Ports / Vent Piping)
☒ Monitor Wells
☐ Obstacles (Debris Piles/ Dumpsters / Equipment)
☐ Surface Cover (Gravel / Asphalt / Cement)

Geophysical Survey

☒ Layout survey area in accordance with SPM designated area (plus buffer if appropriate)
☐ Conduct EM Survey – Mark anomalies on ground
☒ Conduct GPR Survey – Mark anomalies on ground
☒ Indicate Areas of GPR signal interference or lack of coverage
☒ Note GPR survey methodology as recorded grid (preferred) with file name or TerraSearch walk over

GPS Survey

☒ Set PK Nails (3 nails)
☒ Survey Benchmarks visible on aerial photo (at least 3 items)
☒ Survey Site Features
☒ Survey MISSDIG Markings
☒ Survey Geophysical Anomalies

Unit	File Name	Mode	Antenna	Line or Area Description
		TS	400	

Results Map

☒Anomalies (GPR / EM) – description and approximate depth
Typical Descriptions:
-No Anomalies found.

Photos

☒Overall Site
☒Site Features
☒MISSDIG Markings
☒Marked Anomalies
☒Photolog (on back)

Office

☒Download photographs
☐Download GPR Data
☐Download GPS Data
☐Legible Field Report and Survey Results Sketch (Scan then promptly return to Project Coordinator)

EXCERPT

TRIAGE GEOPHYSICAL SURVEY FIELD REPORT

Client: Michigan Department of Environmental Quality (MDEQ/MDTMB) **Date:** 6-1-15

Project: Imlay city DPW, 400 East 3rd Street **MSG Job No.:** DTMB0256

Photo #	Photo Description	Direction (N/S/E/W)
1-4	Remedial system remains	S/SW/SE/SE
5	Southern survey area	N
6-14	Monitoring wells	NW/SW/NW/NW/M/E/SW/SW/W
15	Asphalted areas	W
16-18	Well and value covers	SW/SW/SE
19-21	Remedial system remains	W/S/S

EXCERPT

DAILY FIELD REPORT

Client: MDTMB
Project: Imlay City DPW
Project No: DTMB0256

Date: 7/14/15
Report No.: 1
Day: Tuesday

MSG Personnel: ACW/MCW
Project Manager: Dan Capone
MSG Hours On-Site: ~7

Temp: (AM) 60's (PM) 70s
Weather: (AM) clouds (PM) Partly Cloudy
Precip: (AM) (PM)

Work Performed or In Progress/Comments/Other Observations:

0800 - onsite
- Advanced SB-01 through SB-08 to 25' bgs
- Collected 8 vadose soil samples (+ soil dupe)
- Collected 5 saturated soil samples
- took photos
- collected GPS data for SB's

Finishing Job (2 SB's and 5 GW samples) on 7/15/15

CONTRACTORS INFORMATION

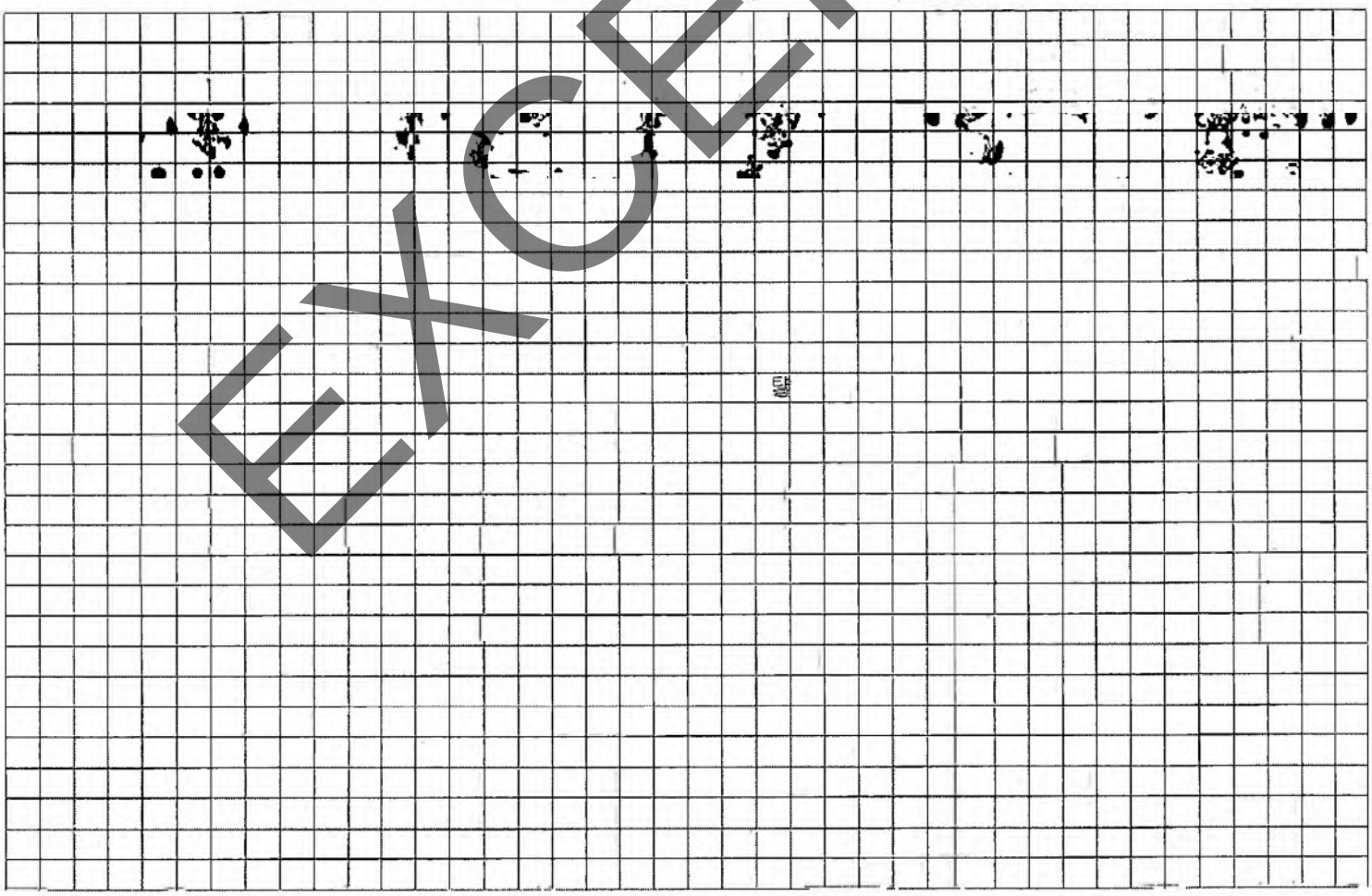
Contractor:	Personnel & Type:	Equipment Type & Hours:
MSG		

Subcontractor:	Personnel & Type:	Equipment Type & Hours:

EXCERPT

Reviewed By: _____

CONTRACT ITEMS AS CONSTRUCTED					
Item #	Description	No. Borings	Qty.	Unit	Remarks/Description
4i	Geoprobe Borings (0-20' bgs)	8	200	Feet	
4ii	Geoprobe Borings (20-40' bgs)			Feet	
4iii	Geoprobe Borings (40-50' bgs)			Feet	
4a	Geoprobe Soil Samples	N/A	8	Each	
4b	Geoprobe Water Samples	N/A		Each	
5i	H.S.A Borings (0-20' bgs)			Feet	
5ii	H.S.A. Borings (20-40' bgs)			Feet	
5iii	H.S.A. Borings (40-50' bgs)			Feet	
5a	H.S.A. Soil Samples	N/A		Each	
5b	H.S.A. Water Samples	N/A		Each	
6	Saturated Soil Sample	N/A	5	Each	



EXCERPT

Reviewed By: _____

DAILY FIELD REPORT

Client: MDTMB

Project: Imlay City DPW

Project No: DTMB0256

Date: 7/15/15

Report No.: 2

Day: ~~Tues~~ Wednesday

MSG Personnel: ACW/MCW

Project Manager:

MSG Hours On-Site: 4

Temp: (AM) 70's (PM) 70's

Weather: (AM) Sun (PM) Sun

Precip: (AM) — (PM) —

Work Performed or in Progress/Comments/Other Observations:

0800 - onsite
- Advanced SB-09 & SB-10 to 25' bgs.
- Collected 2 vadose soil samples
- Collected GW samples w/ temp wells from select borings.
- Collected 5 GW samples (+ Dupe)
- Wheeled off SB locations
- Abandoned holes w/ cuttings & bentonite.

CONTRACTORS INFORMATION

Contractor:	Personnel & Type:	Equipment Type & Hours:
MSG		

Subcontractor:	Personnel & Type:	Equipment Type & Hours:

EXCERPT

Reviewed By: _____

Item #	Description	No. Borings	Qty.	Unit	Remarks/Description
4i	Geoprobe Borings (0-20' bgs)	2	50	Feet	
4ii	Geoprobe Borings (20-40' bgs)			Feet	
4iii	Geoprobe Borings (40-50' bgs)			Feet	
4a	Geoprobe Soil Samples	N/A	2	Each	
4b	Geoprobe Water Samples	N/A		Each	
5i	H.S.A Borings (0-20' bgs)			Feet	
5ii	H.S.A. Borings (20-40' bgs)			Feet	
5iii	H.S.A. Borings (40-50' bgs)			Feet	
5a	H.S.A. Soil Samples			Each	
5b	H.S.A. Water Samples	N/A		Each	
6	Saturated Soil Sample	N/A		Each	
	PNA Samples		5	Samples	

EXCERPT

Reviewed By: _____

EXCERPT

ATTACHMENT C

SOIL BORING LOGS

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan	BORING/WELL: SB-01
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 37' NE of building's SE corner, 10' E of building's NE corner	Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		SAND, brown, fine grained, moist,	0.5 1 2 3 4			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4'
			Becomes wet with petroleum-like odor at 5ft bgl	▼5 6			0.0 ppm @ 5' 3.1 ppm @ 6'
			CLAY, grey, Sandy, moist, petroleum-like odor from 6-15ft bgl	6 7 8 9 10 11 12 13 14 15 16 17 18 19	Soil Soil	SB-01 (11')S DUP-1S	65 ppm @ 7' 303 ppm @ 8' 927 ppm @ 9' 1,317 ppm @ 10' 1,501 ppm @ 11' 516 ppm @ 12' 82 ppm @ 13' 23 ppm @ 14' 4.6 ppm @ 15' 50.4 ppm @ 16' 61.3 ppm @ 17' 5.9 ppm @ 18' 51.2 ppm @ 19'
			SILT, grey, wet	▼19 20 21 22			126 ppm @ 20' 16.1 ppm @ 21' 2.6 ppm @ 22'
			CLAY, grey, Sandy, wet	22 23 24 25			3.9 ppm @ 23' 10.6 ppm @ 24' 9.2 ppm @ 25'
			TD in CLAY at 25ft				

Elev. Datum: NGVD	**Lat**: 43° 1' 25.503" N
Grd. Elev: NA **T.O.C.**: NA	**Long**: 83° 4' 20.244" W
GW Encountered: 5ft bgl and 19ft bgl **Well Depth**: NA	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: NA	**Northing**: 278979.03
Screen Type: NA	**Easting**: 738367.92
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

EXCERPT

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan		BORING/WELL: SB-02
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 23' SE of building's SE corner, 39' E of DPW building's NE corner		Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		SAND, brown, Silty, dry	0.5 1 2 3 4 5 5.2			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5'
			CLAY, brown, Sandy, dry	5.2 6 7 8 9 10 11 12 13 14			0.0 ppm @ 6' 0.0 ppm @ 7' 0.0 ppm @ 8' 0.0 ppm @ 9' 0.0 ppm @ 10' 2.4 ppm @ 11' 31.4 ppm @ 12' 106 ppm @ 13' 561 ppm @ 14'
			SAND, brown, fine grained, dry, petroleum-like odor Becomes grey, fine-medium grained, wet at 19ft bgl	14 15 16 17 18 ▼19 20 21 22 23 24 25	Soil SAT Soil Water Water	SB-02 (18')S SB-02 (20')SAT SB-02 (19-24)w DUP-1W	902 ppm @ 15' 797 ppm @ 16' 1,507 ppm @ 17' 1,521 ppm @ 18' 1,111 ppm @ 19' 1,263 ppm @ 20' 711 ppm @ 21' 52.1 ppm @ 22' 11.9 ppm @ 23' 10.6 ppm @ 24' 7.2 ppm @ 25'
			TD in SAND at 25ft				

Elev. Datum: NGVD	**Lat**: 43° 1' 24.909" N
Grd. Elev: NA **T.O.C.**: NA	**Long**: 83° 4' 20.457" W
GW Encountered: 19ft bgl **Well Depth**: 24ft bgl	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: PVC	**Northing**: 278960.56
Screen Type: 5ft long PVC Temp Well	**Easting**: 738363.75
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

EXCERPT

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan		BORING/WELL: SB-03
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 30' NE from DPW building's NE corner, 15' SW from building's SE corner		Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		SAND, brown, Silty, dry	0.5 1 2 3 4 5 5.3			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5'
			CLAY, brown, Sandy, dry	5.3 6 7 8 9 10 11 12 13 13.8			0.1 ppm @ 6' 0.2 ppm @ 7' 0.0 ppm @ 8' 6.2 ppm @ 9' 5.1 ppm @ 10' 17.2 ppm @ 11' 7.9 ppm @ 12' 10.4 ppm @ 13'
			SAND, brown, fine grained, dry, petroleum-like odor Becomes, fine-medium grained, wet, black staining from19-22.3ft bgl Becomes grey at 22.3ft bgl	13.8 14 15 16 17 18 ▼19 20 21 22 23 24 25	Soil SAT Soil Water	SB-03 (16')S SB-03 (20')SAT SB-03 (19'-24')W	547 ppm @ 14' 2,014 ppm @ 15' 2,560 ppm @ 16' 2,161 ppm @ 17' 200 ppm @ 18' 109 ppm @ 19' 211 ppm @ 20' 162 ppm @ 21' 51.3 ppm @ 22' 61.4 ppm @ 23' 115 ppm @ 24' 106 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.978" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.591" W
GW Encountered: 19ft bgl **Well Depth**: 24ft bgl	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: PVC	**Northing**: 278962.56
Screen Type: 5ft long PVC Temp Well	**Easting**: 738360.65
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan	BORING/WELL: SB-04
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 25' SW from building's SE corner, 26' NE from DPW building's NE corner	Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		CLAY, brown, Sandy, dry	0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6' 0.0 ppm @ 7' 0.0 ppm @ 8' 0.0 ppm @ 9' 0.0 ppm @ 10' 27.2 ppm @ 11' 65.1 ppm @ 12' 109 ppm @ 13' 1,136 ppm @ 14'
			SAND, brown, fine grained, moist, petroleum-like odor	14 15 15.3	Soil	SB-04 (15')S	1,357 ppm @ 15'
			CLAY, grey, Sandy, moist, petroleum-like odor	15.3 16 17			109.1 ppm @ 16' 106.2 ppm @ 17'
			SAND, brown, moist, petroleum-like odor Becomes wet at 19ft bgl	17 18 ▼19 20 21 22 23 24 25	SAT Soil	SB-04 (19')SAT	71.4 ppm @ 18' 38.1 ppm @ 19' 102 ppm @ 20' 8.6 ppm @ 21' 1.3 ppm @ 22' 6.8 ppm @ 23' 7.2 ppm @ 24' 9.1 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 25.052" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.751" W
GW Encountered: 19ft bgl **Well Depth**: NA	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: NA	**Northing**: 278964.72
Screen Type: NA	**Easting**: 738356.95
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan		BORING/WELL: SB-05
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 14' SE from DPW building's NE corner, 42' NE of DPW building's SE corner		Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		CLAY, brown, Sandy, dry	0.5 1 2 3 4 5 6 7 8 9 10 11 12			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6' 0.0 ppm @ 7' 0.0 ppm @ 8' 0.0 ppm @ 9' 0.0 ppm @ 10' 19.1 ppm @ 11' 22.1 ppm @ 12'
			SAND, brown, fine grained, dry Becomes grey at 16.9ft bgl with petroleum-like odor Becomes wet at 19ft bgl	12 13 14 15 16 17 18 ▼19 20 21 22 23 24 25	Soil Water	SB-05 (18')S SB-05 (19'-24')W	33.2 ppm @ 13' 65.3 ppm @ 14' 29.5 ppm @ 15' 91.7 ppm @ 16' 63.1 ppm @ 17' 1,652 ppm @ 18' 641 ppm @ 19' 597 ppm @ 20' 212 ppm @ 21' 231 ppm @ 22' 16.4 ppm @ 23' 26.2 ppm @ 24' 20.9 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.753" N
Grd. Elev: NA **T.O.C.**: NA	**Long**: 83° 4' 20.862" W
GW Encountered: 19ft bgl **Well Depth**: 24ft bgl	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: PVC	**Northing**: 278955.41
Screen Type: 5ft long PVC Temp Well	**Easting**: 738354.76
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan		BORING/WELL: SB-06
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 52' NE of DPW building's SE corner, 31' SE of DPW building's NE corner		Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		CLAY, brown, Sandy, dry	0.5 1 2 3 4 5 6 7 7.5			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6' 0.0 ppm @ 7'
			SAND, brown, fine grained, dry, petroleum-like odor Becomes wet at 19ft bgl	7.5 8 9 10 11 12 13 14 15 16 17 18 ▼19 20 21 22 23 24 25	Soil SAT Soil	SB-06 (18')S SB-06 (19')SAT	0.0 ppm @ 8' 0.0 ppm @ 9' 0.3 ppm @ 10' 5.4 ppm @ 11' 2.9 ppm @ 12' 49.6 ppm @ 13' 30.3 ppm @ 14' 264 ppm @ 15' 197 ppm @ 16' 205 ppm @ 17' 286 ppm @ 18' 649 ppm @ 19' 171 ppm @ 20' 96.3 ppm @ 21' 91.1 ppm @ 22' 89.3 ppm @ 23' 27.2 ppm @ 24' 36.3 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.709" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.543" W
GW Encountered: 19ft bgl **Well Depth**: NA	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: NA	**Northing**: 278954.30
Screen Type: NA	**Easting**: 738362.03
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan	BORING/WELL: SB-07
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 20' S of SB-06	Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		CLAY, brown, Sandy, dry	0.5 1 2 3 4 5 6 7 7.8			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6' 0.0 ppm @ 7'
			SAND, brown, fine grained, dry	7.8 8 9 10 11 12 13 14 15 16			0.8 ppm @ 8' 0.8 ppm @ 9' 0.9 ppm @ 10' 1.5 ppm @ 11' 6.9 ppm @ 12' 4.8 ppm @ 13' 6.2 ppm @ 14' 4.7 ppm @ 15' 462 ppm @ 16'
			Becomes grey with petroleum-like odor at 17.3ft bgl Becomes wet at 19ft bgl	17 18 ▼19 20 21 22 23 24 25	Soil SAT Soil Water	SB-07 (18')S SB-07 (19')SAT SB-07 (19'-24')W	501 ppm @ 17' 757 ppm @ 18' 674 ppm @ 19' 384 ppm @ 20' 216 ppm @ 21' 255 ppm @ 22' 109 ppm @ 23' 31.6 ppm @ 24' 27.6 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.516" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.558" W
GW Encountered: 19ft bgl **Well Depth**: 24ft bgl	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: PVC	**Northing**: 278948.36
Screen Type: 5ft long PVC Temp Well	**Easting**: 738361.89
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan	BORING/WELL: SB-08
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 24' SE of SB-07, 30' E of DPW building's SE corner	Date: 7/14/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		CLAY, brown, Sandy, moist	0.5 1 2 3 4 5 6 6.1			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6'
			SAND, brown, fine grained, dry	6.1 7 8 9 10 11 12 13 14 15 16			0.0 ppm @ 7' 0.0 ppm @ 8' 0.0 ppm @ 9' 0.0 ppm @ 10' 0.0 ppm @ 11' 5.0 ppm @ 12' 6.2 ppm @ 13' 1.6 ppm @ 14' 2.9 ppm @ 15' 12.6 ppm @ 16'
			Becomes grey with petroleum-like odor at 17.3ft bgl Becomes wet at 19ft bgl	17 18 ▼19 20 21 22 23 24 25	Soil Water	SB-08 (18')S SB-08 (19'-24')W	13.1 ppm @ 17' 23.1 ppm @ 18' 18.6 ppm @ 19' 854 ppm @ 20' 10.1 ppm @ 21' 9.6 ppm @ 22' 21.3 ppm @ 23' 1.6 ppm @ 24' 0.9 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.400" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.469" W
GW Encountered: 19ft bgl **Well Depth**: 24ft bgl	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: PVC	**Northing**: 278944.86
Screen Type: 5ft long PVC Temp Well	**Easting**: 738364.03
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan		BORING/WELL: SB-09
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 42' SE of DPW building's NE corner, 33' E of DPW building's SE corner		Date: 7/15/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
			SAND, brown, fine grained, dry	0.5 1 1.2			0.0 ppm @ 1'
	SC		CLAY, brown, Sandy, dry	1.2 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Soil	SB-09 (17')S	0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6' 0.0 ppm @ 7' 0.0 ppm @ 8' 0.0 ppm @ 9' 0.0 ppm @ 10' 0.0 ppm @ 11' 0.0 ppm @ 12' 0.0 ppm @ 13' 0.0 ppm @ 14' 0.0 ppm @ 15' 15.9 ppm @ 16' 16.1 ppm @ 17'
			SAND, brown, fine grained, dry Becomes wet at 19ft bgl	17 18 ▼19 20 21 22 23 24 25			7.3 ppm @ 18' 103 ppm @ 19' 1.9 ppm @ 20' 1.7 ppm @ 21' 1.1 ppm @ 22' 0.9 ppm @ 23' 12.6 ppm @ 24' 1.3 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.412" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.708" W
GW Encountered: 19ft bgl **Well Depth**: NA	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: NA	**Northing**: 278945.01
Screen Type: NA	**Easting**: 738358.62
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

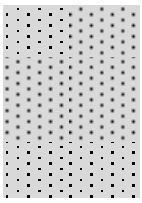
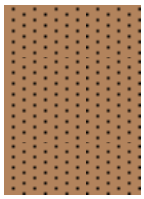
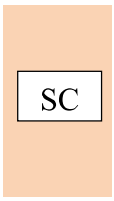
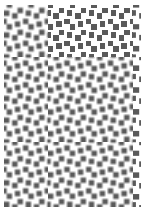
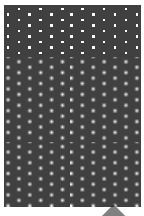
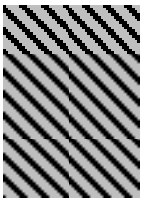
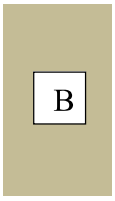
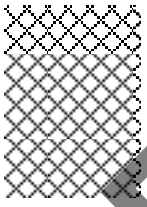
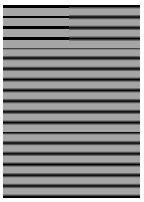
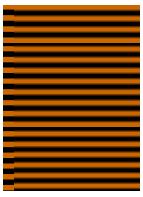
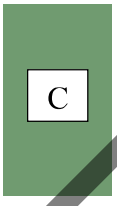
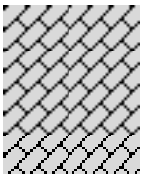
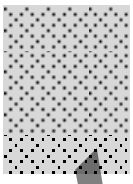
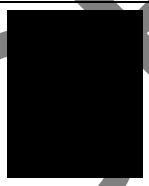
Mannik Smith GROUP TECHNICAL SKILL. CREATIVE SPIRIT.	Site: Imlay City DPW Address: 400 East 3rd Street, Imlay City, Michigan		BORING/WELL: SB-10
	County: Lapeer Township: Town: 8N Range: 11E Sec. #: Location: 18' NE of DPW building's SE corner, 30' SE of DPW building's NE corner		Date: 7/15/15 Driller: MCW Logged by: ACN Drill Method: Geoprobe – Direct Push Total Depth: 25 ft bgl

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sample Type	Sample ID	Field Results PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			
	SC		CLAY, brown, Sandy, dry	0.5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6' 0.0 ppm @ 7' 0.0 ppm @ 8' 0.0 ppm @ 9' 0.0 ppm @ 10' 1.6 ppm @ 11' 2.9 ppm @ 12' 15.6 ppm @ 13' 16.1 ppm @ 14' 5.9 ppm @ 15' 99.9 ppm @ 16' 49.1 ppm @ 17'
			SAND, brown, fine grained, dry Becomes wet at 19ft bgl	17 18 ▼19 20 21 22 23 24 25	Soil	SB-10 (18')S	105 ppm @ 18' 50.9 ppm @ 19' 67.3 ppm @ 20' 49.1 ppm @ 21' 40.2 ppm @ 22' 16.4 ppm @ 23' 17.1 ppm @ 24' 20.6 ppm @ 25'
			TD in SAND at 25ft				

EXCERPT

Elev. Datum: NGVD	**Lat**: 43° 1' 24.525" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.913" W
GW Encountered: 19ft bgl **Well Depth**: NA	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: NA	**Northing**: 278948.35
Screen Type: NA	**Easting**: 738353.84
Annulus sealed by: SC = Soil Cuttings 25-0	
	Sheet # 1 of 1

Patterns:

 Sand, grey	 Sand, brown	 Soil collapse	 Gravel	 Sand, black	
 Silt, grey	Silt, brown	 Bentonite	 Base Aggregate		
 Clay, grey	 Clay, brown	 Cement	Concrete	Clay, black	
 Bedrock, limestone	 Bedrock, sandstone	 Asphalt, peat, shale	Topsoil		

EXCERPT

EXCERPT

ATTACHMENT D

PHOTOLOG

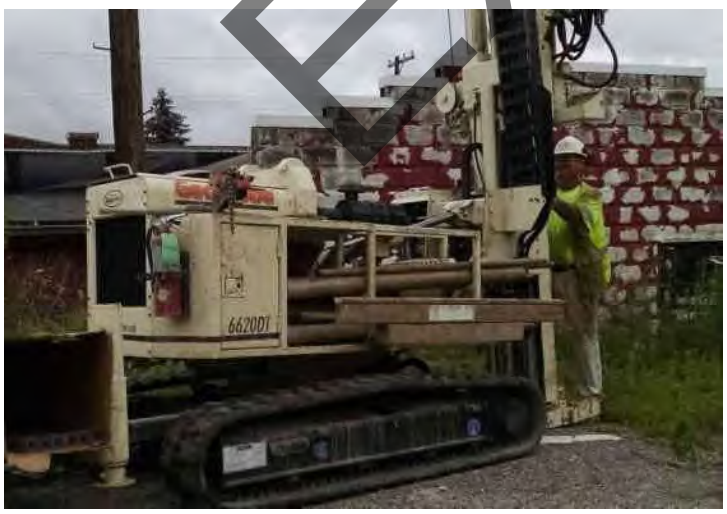
Project Number: DTMB0256
Imlay City DPW, 400 East 3rd Sreet
Imaly City, Lapeer County, Michigan

Facing southwest viewing remedial system remains. Photo taken by W. Davenport 6/1/15.

Facing north viewing the southern survey area. Photo taken by W. Davenport 6/1/15.

Facing southwest viewing monitoring wells. Photo taken by W. Davenport 6/1/15.

Viewing recovered soil borings. Photo taken by A. Near on 7/14/15.



Facing northeast viewing rig advancing boring. Photo taken by A. Near on 7/14/15.

Viewing the sampling area. Photo taken by A. Near on 7/14/15.

EXCERPT

EXCERPT

ATTACHMENT E

LABORATORY CHAIN OF CUSTODY

DIM80256

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

Goldenrod
Page 1 of 2

LAB ORDER # 1507190

MATRIX=SEDIMENT/SOIL/SOLIDS

SITE CODE NUMBER	SITE NAME	ACCEPT HT CODES? YES / NO If yes, which parameters?
01099999	SWET - Imlay City DPW	

DIVISION	DISTRICT/OFFICE	MDEQ PROJECT MANAGER	E-MAIL ADDRESS	PHONE
RRD	Gaylord Office	Randy Rothe	rother@michigan.gov	9897053416

PRIMARY CONTACT PERSON	CONTRACT FIRM NAME (if applicable)	PHONE
Erin Hall	Mannik and Smith Group	734-397-3100

AY: 13 INDEX: 44213 PCA: 30822
PROJECT: 550518 PH: 00

OVERFLOW LAB (Required)
1ST CHOICE: ALS 2ND CHOICE: Test America
COLLEC: PHONE: 734-397-3100

E-MAIL ADDRESSES TO SEND ADDITIONAL REPORTS TO:
1.) lebrequete@michigan.gov
2.) dcogene@mannikmithgroup.com

**** SAFETY INFORMATION REQUIRED ****
SEE BACK OF FORM

LAB USE ONLY	FIELD ID (Sample Identification)	SAMPLE COLLECTED DATE MM/DD/YY	SAMPLE COLLECTED TIME MILITARY	GPS COORDINATES LATITUDE	GPS COORDINATES LONGITUDE	COMMENT
1 AC 01	SB-01(11')S	7/14/15	0900			PID=1500
2 AC 02	DUP-1S	7/14/15	0905			PID=1500
3 AC 03	Trip Blank	7/6/15	—			
4 AC 04	SB-02(18')S	7/14/15	1015			PID=1521
5 AC 05	SB-02(20')SAT	7/14/15	1020			PID=1263
6 AC 06	SB-03(16')S	7/14/15	1045			2500
7 AC 07	SB-03(20')SAT	7/14/15	1100			PID=200
8 AC 08	SB-04(15')S	7/14/15	1145			PID=1300
9 AC 09	SB-04(19')SAT	7/14/15	1200			PID=38
10 AC 10	SB-05(18')S	7/14/15	1300			PID=1600

ORGANIC

VOA VOLATILES *(MeOH/8260)
- VOC - Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE/TMB only 1 2 3 4 5 6 7 8 9 10
- Chlorinated only 1 2 3 4 5 6 7 8 9 10
- GRO 1 2 3 4 5 6 7 8 9 10
- 1,4 Dioxane 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- Specialty Pesticides 1 2 3 4 5 6 7 8 9 10
- Toxaphene 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

ORGANIC SPECIAL REQUESTS
- Library Search - Volatiles 1 2 3 4 5 6 7 8 9 10
- Library Search - Semi-Vols 1 2 3 4 5 6 7 8 9 10
- FingerPrint 1 2 3 4 5 6 7 8 9 10
- DRO/ORO (8015) 1 2 3 4 5 6 7 8 9 10
- Low Level PNA 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS
- COD 1 2 3 4 5 6 7 8 9 10
- TOC 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot. P 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- Available Cyanide 1 2 3 4 5 6 7 8 9 10

Other _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

- MICH TEN METALS 1 2 3 4 5 6 7 8 9 10 (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
- OP MEMO 2 Metals 1 2 3 4 5 6 7 8 9 10 (Sb,As,Ba,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Hg,Mo,Ni,Se,Ag,Tl,V,Zn)

[Circle Requested Metal and Corresponding Sample No.]

- Al Sb As Ba Be Cd Cr 1 2 3 4 5 6 7 8 9 10
- Co Cu Fe Pb Li Mn Hg
- Mo Ni So Ag Sr Tl Ti
- V Zn
- Ca Mg K Na 1 2 3 4 5 6 7 8 9 10
- Low Level Mercury 1 2 3 4 5 6 7 8 9 10
- % Total Solids 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody

	RELEASED BY / ORGANIZATION	RECEIVED BY / ORGANIZATION	DATE	TIME
Print Name & Organization	Adam Nyar MSG	MSG Fridge	7/15/15	1520
Signature				
Print Name & Organization	MSG Fridge	Emily Fisher MSG	7/16/15	0900
Signature				
Print Name & Organization	Emily Fisher MSG	Melissa Smith	7/16/15	1131
Signature				

EXCERPT

Revised July 2012

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

Goldenrod
Page 2 of 2

LAB ORDER # 1507190

MATRIX=SEDIMENT/SOIL/SOLIDS

SITE CODE NUMBER	SITE NAME	ACCEPT HT CODES? YES / NO If yes, which parameters?
01099999	SWET - Imlay City DPW	

DIVISION	DISTRICT/OFFICE	MDEQ PROJECT MANAGER	E-MAIL ADDRESS	PHONE
RRD	Gaylord Office	Randy Rothe	rother@michigan.gov	9897053416

PRIMARY CONTACT PERSON	CONTRACT FIRM NAME (if applicable)	PHONE
Erin Hall	Mannik and Smith Group	734-397-3100

AY: 13 INDEX: 44213 PCA: 30822
PROJECT: 550518 PH: 00

1ST CHOICE: ALS
OVERFLOW LAB (Required) 2ND CHOICE: Test America
COLLEC:
PHONE: 734-397-3100

E-MAIL ADDRESSES TO SEND ADDITIONAL REPORTS TO:
1.) lebrecqued@michigan.gov
2.) dcapone@mannikmithgroup.com

**** SAFETY INFORMATION REQUIRED ****
SEE BACK OF FORM

LAB USE ONLY	FIELD ID (Sample Identification)	SAMPLE COLLECTED DATE MM/DD/YY	SAMPLE COLLECTED TIME MILITARY	GPS COORDINATES LATITUDE	GPS COORDINATES LONGITUDE	COMMENT
1 AC 11	SB-06(18')S	7/14/15	1320			PID=296
2 AC 12	SB-06(19')SAT	7/14/15	1330			PID=650
3 AC 13	SB-07(18')S	7/14/15	1415			PID=700
4 AC 14	SB-07(19')SAT	7/14/15	1420			PID=670
5 AC 15	SB-08(18')S	7/14/15	1515			PID=23
6 AC 16	SB-09(17')S	7/15/15	0900			PID=16
7 AC 17	SB-10(18')S	7/15/15	0930			PID=105
8 AC						
9 AC						
10 AC						

ORGANIC

VOA VOLATILES *(MeOH/8260)
- VOC - Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE/TMB only 1 2 3 4 5 6 7 8 9 10
- Chlorinated only 1 2 3 4 5 6 7 8 9 10
- GRO 1 2 3 4 5 6 7 8 9 10
- 1,4 Dioxane 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- Specialty Pesticides 1 2 3 4 5 6 7 8 9 10
- Toxaphene 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

ORGANIC SPECIAL REQUESTS
- Library Search - Volatiles 1 2 3 4 5 6 7 8 9 10
- Library Search - Semi-Vols 1 2 3 4 5 6 7 8 9 10
- FingerPrint 1 2 3 4 5 6 7 8 9 10
- DRO/ORO (8015) 1 2 3 4 5 6 7 8 9 10
- Low Level PNA 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY
- GS
- COD 1 2 3 4 5 6 7 8 9 10
- TOC 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot P 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- Available Cyanide 1 2 3 4 5 6 7 8 9 10

Other _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

MICH TEN METALS 1 2 3 4 5 6 7 8 9 10
(As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)

OP MEMO 2 Metals 1 2 3 4 5 6 7 8 9 10
(Sb,As,Ba,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Hg,Mo,Ni,Se,Ag,Tl,V,Zn)

[Circle Requested Metal and Corresponding Sample No.]

Al Sb As Ba Be Cd Cr 1 2 3 4 5 6 7 8 9 10
Co Cu Fe Pb Li Mn Hg
Mo Ni Se Ag Sr Tl Ti
V Zn
Ca Mg K Na 1 2 3 4 5 6 7 8 9 10

Low Level Mercury 1 2 3 4 5 6 7 8 9 10

% Total Solids 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody

	RELEASED BY / ORGANIZATION	RECEIVED BY / ORGANIZATION	DATE	TIME
Print Name & Organization	Adam Near MSG	MSG Fridge	7/15/15	1500
Signature				
Print Name & Organization	MSG Fridge	Emily Fisher MSG	7/16/15	0900
Signature				
Print Name & Organization	Emily Fisher MSG	Melissa Smith	7/16/15	1131
Signature				

EXCERPT

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

White
Page 1 of 1

LAB WORK ORDER # 1507189

MATRIX=WATER

SITE CODE NUMBER	SITE NAME	ACCEPT HT CODES? Y / N
01099999	SWET - Imlay City DPW	If yes which parameters?

DIVISION	DISTRICT/OFFICE	MDEQ PROJECT MANAGER	E-MAIL ADDRESS	PHONE
RRD	Gaylord Office	Randy Rothe	rother@michigan.gov	9897053416

PRIMARY CONTACT PERSON	CONTRACT FIRM NAME (if applicable)	PHONE
Erin Hall	Mannik & Smith Group	734-397-3100

AY: 14 INDEX: 44213 PCA: 30822
PROJECT: 550518 PH: 00

OVERFLOW LAB (Required)
1ST CHOICE: ACS 2ND CHOICE: Test America

COLLECTED BY: PHONE:

E-MAIL ADDRESSES TO SEND ADDITIONAL REPORTS TO:
1.) lebreague@michigan.gov
2.) dcapone@manniksmithgroup.com

**** SAFETY INFORMATION REQUIRED ****
SEE BACK OF FORM

	LAB USE ONLY	FIELD ID (Sample Identification)	SAMPLE COLLECTED DATE MM/DD/YY	SAMPLE COLLECTED TIME MILITARY	GPS COORDINATES LATITUDE	GPS COORDINATES LONGITUDE	COMMENTS
1	AC 01	SB-02(19'-24')W	7/15/15	1000			PID = 1000
2	AC 02	DUP-1W	7/15/15	1005			PID = 1200
3	AC 03	Trip Blank	7/6/15	—			
4	AC 04	SB-03(19'-24')W	7/15/15	1030			PID = 200
5	AC 05	SB-05(19'-24')W	7/15/15	1045			PID = 250
6	AC 06	SB-07(19'-24')W	7/15/15	1100			PID = 500
7	AC 07	SB-08(19'-24')W	7/15/15	1115			PID = 50
8	AC						
9	AC						
10	AC						

ORGANIC

VOA VOLATILES (8260)
Full List 1 2 3 4 5 6 7 8 9 10
BTEX/MTBE/TMB only 1 2 3 4 5 6 7 8 9 10
Chlorinated only 1 2 3 4 5 6 7 8 9 10
GRO 1 2 3 4 5 6 7 8 9 10
1,4 Dioxane 1 2 3 4 5 6 7 8 9 10

METH METHANE, ETHANE, ETHENE (Modified 8015)
Methane, ethane, ethene 1 2 3 4 5 6 7 8 9 10

ON PESTICIDES/PCBS (8081/8082)
Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
Pesticides only 1 2 3 4 5 6 7 8 9 10
PCBs only 1 2 3 4 5 6 7 8 9 10
Toxaphene 1 2 3 4 5 6 7 8 9 10
Specialty Pesticides 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
BNAs 1 2 3 4 5 6 7 8 9 10
Benzidines 1 2 3 4 5 6 7 8 9 10
PNAs only 1 2 3 4 5 6 7 8 9 10
BNs only 1 2 3 4 5 6 7 8 9 10
ACIDs only 1 2 3 4 5 6 7 8 9 10

ORGANIC SPECIAL REQUESTS
Library Search - Volatiles 1 2 3 4 5 6 7 8 9 10
Library Search - Semi-Vols 1 2 3 4 5 6 7 8 9 10
FingerPrint 1 2 3 4 5 6 7 8 9 10
DRO/ORO (8015) 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GN NO_2, O-Phos 1 2 3 4 5 6 7 8 9 10
NO_3 Calc (NO_2+NO_3, NO_2) 1 2 3 4 5 6 7 8 9 10
Residue SS 1 2 3 4 5 6 7 8 9 10
Residue TDS 1 2 3 4 5 6 7 8 9 10
Turbidity 1 2 3 4 5 6 7 8 9 10
CA Chlorophyll 1 2 3 4 5 6 7 8 9 10
GA COD 1 2 3 4 5 6 7 8 9 10
TOC 1 2 3 4 5 6 7 8 9 10
$NO_3 + NO_2$, NH_3 1 2 3 4 5 6 7 8 9 10
KJEL N, Tot P 1 2 3 4 5 6 7 8 9 10
GB Total CN 1 2 3 4 5 6 7 8 9 10
Amenable CN 1 2 3 4 5 6 7 8 9 10
GCN Available CN 1 2 3 4 5 6 7 8 9 10

INORGANIC

MN pH, Conductance 1 2 3 4 5 6 7 8 9 10
Cl, SO_4, Total Alk 1 2 3 4 5 6 7 8 9 10
HCO_3/CO_3-Alk 1 2 3 4 5 6 7 8 9 10
Cr^{+6} 1 2 3 4 5 6 7 8 9 10

INORGANIC

MA - Total Metals
MICH TEN METALS 1 2 3 4 5 6 7 8 9 10
(As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
OP MEMO 2 METALS 1 2 3 4 5 6 7 8 9 10
(Sb,As,Ba,Be,Cd,Cr,Cu,Co,Fe,Pb,Mn,Hg,Mo,Ni,Se,Ag,Tl,V,Zn)
↓Circle Metal and Corresponding Sample No. Below↓
Al Sb As Ba Be B Cd Cr 1 2 3 4 5 6 7 8 9 10
Co Cu Fe Pb Li Mn Hg Mo
Ni Se Ag Sr Tl Ti V Zn
Ca Mg K Na 1 2 3 4 5 6 7 8 9 10
Hardness Calc (Ca Mg) 1 2 3 4 5 6 7 8 9 10
LL Hg
Low Level Mercury 1 2 3 4 5 6 7 8 9 10

MAD or MD - Dissolved Metals
Lab Filtration 1 2 3 4 5 6 7 8 9 10
MICH TEN METALS 1 2 3 4 5 6 7 8 9 10
(As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
OP MEMO 2 Metals 1 2 3 4 5 6 7 8 9 10
(Sb,As,Ba,Be,Cd,Cr,Cu,Co,Fe,Pb,Mn,Hg,Mo,Ni,Se,Ag,Tl,V,Zn)
↓Circle Metal and Corresponding Sample No. Below↓
Al Sb As Ba Be B Cd Cr 1 2 3 4 5 6 7 8 9 10
Co Cu Fe Pb Li Mn Hg Mo
Ni Se Ag Sr Tl Ti V Zn
Ca Mg K Na 1 2 3 4 5 6 7 8 9 10
Hardness Calc (Ca Mg) 1 2 3 4 5 6 7 8 9 10
LL Hg
Low Level Mercury 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody

	RELINQUISHED BY / ORGANIZATION	RECEIVED BY / ORGANIZATION	DATE	TIME
Print Name & Organization	Adam Near	MSG Fridge	7/15/15	1500
Signature				
Print Name & Organization	MSG Fridge	Emily Fisher MSG	7/16/15	0900
Signature				
Print Name & Organization	Emily Fisher MSG	Melissa Smith	7/16/15	1130
Signature				

EXCERPT

Michigan Department of Environmental Quality Analytical Testing Report

Work Order:	1507190
Report Date:	8/6/2015 14:29
Client:	MDEQ-RRD-GAYLORD
Attention:	Randy Rothe
Project Name:	SWET-IMLAY CITY DPW
Project Number:	1099999

Sample Number			Target Detection Limit (TDL)	Drinking Water Protection Criteria (DWPC)	Groundwater Surface Water Protection Criteria (GSIPC)	Soil Volatilization to Indoor Air Inhalation Criteria (SVIIC)	Direct Contact Criteria (DCC)	1507190-04	1507190-06	1507190-08	1507190-11	1507190-13
Sample ID								SB-02 (18')S	SB-03 (16')S	SB-04 (15')S	SB-06 (18')S	SB-07 (18')S
Sample Depth												
Date Collected								7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015
Date Received								7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015
Analyte	Units	Method	Organics-Semivolatiles									
2-Methylnaphthalene	ug/kg dry	8270	330	57,000	4,200	2,700,000	8,100,000	5,500	42,000	3,700	1,300	2,700
Acenaphthene	ug/kg dry	8270	330	300,000	8,700	190,000,000	41,000,000	<1200	<230	<240	<210	<220
Acenaphthylene	ug/kg dry	8270	330	5,900	ID	1,600,000	1,600,000	<1200	<230	<240	<210	<220
Anthracene	ug/kg dry	8270	330	41,000	ID	1,000,000,000	230,000,000	<1200	<230	<240	<210	<220
Benz[a]anthracene	ug/kg dry	8270	330	NLL	NLL	NLV	20,000	<1200	<230	<240	<210	<220
Benzo[a]pyrene	ug/kg dry	8270	330	NLL	NLL	NLV	2,000	<2300	<460	<470	<410	<440
Benzo[b]fluoranthene	ug/kg dry	8270	330	NLL	NLL	ID	20,000	<2300	<460	<470	<410	<440
Benzo[g,h,i]perylene	ug/kg dry	8270	330	NLL	NLL	NLV	2,500,000	<2300	<460	<470	<410	<440
Benzo[k]fluoranthene	ug/kg dry	8270	330	NLL	NLL	NLV	200,000	<2300	<460	<470	<410	<440
Chrysene	ug/kg dry	8270	330	NLL	NLL	ID	2,000,000	<1200	<230	<240	<210	<220
Dibenz[a,h]anthracene	ug/kg dry	8270	330	NLL	NLL	NLV	2,000	<2300	<460	<470	<410	<440
Fluoranthene	ug/kg dry	8270	330	730,000	5,500	1,000,000,000	46,000,000	<1200	<230	<240	<210	<220
Fluorene	ug/kg dry	8270	330	390,000	5,300	580,000,000	27,000,000	<1200	<230	<240	<210	<220
Indeno(1,2,3-c,d)pyrene	ug/kg dry	8270	330	NLL	NLL	NLV	20,000	<2300	<460	<470	<410	<440
Naphthalene	ug/kg dry	8270	330	35,000	730	250,000	16,000,000	3,700	31,000	660	780	1,600
Phenanthrene	ug/kg dry	8270	330	56,000	2,100	2,800,000	1,600,000	<1200	240	<240	<210	<220
Pyrene	ug/kg dry	8270	330	480,000	ID	1,000,000,000	29,000,000	<1200	<230	<240	<210	<220

Grey indicates contaminant was detected.
Yellow indicates contaminant exceeds DWPC.
Blue indicates contaminant exceeds GSIPC.
[illegible] indicates contaminant exceeds two criteria; SVIIC and DCC.
Orange indicates contaminant exceeds one or more criteria; SVIIC and/or DCC.
"ID" means insufficient data to develop criterion.
"NA" means a criterion or value is not available or, in the case of background, not applicable.
"NLL" means hazardous substance is not likely to leach under most soil conditions.
"NLV" means hazardous substance is not likely to volatilize under most conditions.
Letters in criteria columns refer to Footnotes of the Criteria/RBSLs tables.

EXCERPT

Michigan Department of Environmental Quality Analytical Testing Report
Work Order: 1507190
Report Date: 8/6/2015 14:29
Client: MDEQ-RRD-GAYLORD
Attention: Randy Rothe
Project Name: SWET-IMLAY CITY DPW
Project Number: 1099999

Sample Number								1507190-01	1507190-02	1507190-03	1507190-04	1507190-05	1507190-06	1507190-07	1507190-08	1507190-09	1507190-10	1507190-11	1507190-12	1507190-13	1507190-14	1507190-15	1507190-16	1507190-17
Sample ID								SB-01 (11')S	DUP-1S	Trip Blank	SB-02 (18')S	SB-02 (20')SAT	SB-03 (15')S	SB-03 (20')SAT	SB-04 (15')S	SB-04 (19')SAT	SB-05 (18')S	SB-06 (18')S	SB-06 (19')SAT	SB-07 (18')S	SB-07 (19')SAT	SB-08(18')S	SB-09 (17')S	SB-10 (18')S
Sample Depth																								
Date Collected			Target Detection Limit	Drinking Water Protection Criteria (DWPC)	Groundwater Surface Water Protection Criteria (GSIPC)	Soil Volatilization to Indoor Air Inhalation Criteria (SVIIC)	Direct Contact Criteria (DCC)	7/14/2015	7/14/2015	7/6/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/14/2015	7/15/2015	7/15/2015
Date Received			(TDL)					7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015
Analyte	Units	Method	Organics-Volatiles																					
1,1,1,2-Tetrachloroethane	ug/kg dry	8260	100	1,500	ID	6,200	480,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,1,1-Trichloroethane	ug/kg dry	8260	50	4,000	1,800	250,000	500,000,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,1,2,2-Tetrachloroethane	ug/kg dry	8260	50	170	1,600	4,300	53,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,1,2-Trichloroethane	ug/kg dry	8260	50	100	6,600	4,600	180,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,1-Dichloroethane	ug/kg dry	8260	50	18,000	15,000	230,000	27,000,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,1-Dichloroethylene	ug/kg dry	8260	50	140	2,600	62	200,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,2,3-Trichlorobenzene	ug/kg dry	8260	NA	NA	NA	NA	NA	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
1,2,3-Trichloropropane	ug/kg dry	8260	100	840	NA	4,000	1,300,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,2,3-Trimethylbenzene	ug/kg dry	8260	NA	NA	NA	NA	NA	5,300	4,800	<50	23,000	3,000	75,000	11,000	1,400	170	3,100	23,000	6,400	16,000	5,400	<56	370	850
1,2,4-Trichlorobenzene	ug/kg dry	8260	250	4,200	5,900	9,600,000	990,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
1,2,4-Trimethylbenzene	ug/kg dry	8260	100	2,100	570	4,300,000	32,000,000	42,000	35,000	<50	180,000	14,000	330,000	54,000	6,800	1,000	15,000	110,000	31,000	77,000	25,000	<56	490	1,400
1,2-Dibromo-3-chloropropane	ug/kg dry	8260	NA	NA	NA	NA	NA	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
1,2-Dibromoethane	ug/kg dry	8260	20	20	110	670	92	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,2-Dichlorobenzene	ug/kg dry	8260	100	14,000	280	11,000,000	19,000,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,2-Dichloroethane	ug/kg dry	8260	50	100	7,200	2,100	91,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,2-Dichloropropane	ug/kg dry	8260	50	100	4,600	4,000	140,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,3,5-Trimethylbenzene	ug/kg dry	8260	100	1,800	1,100	2,600,000	32,000,000	13,000	11,000	<50	59,000	5,800	140,000	23,000	2,800	400	6,400	44,000	13,000	31,000	9,300	<56	340	1,200
1,3-Dichlorobenzene	ug/kg dry	8260	100	170	680	26,000	200,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
1,4-Dichlorobenzene	ug/kg dry	8260	100	1,700	360	19,000	400,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
2-Butanone (MEK)	ug/kg dry	8260	750	260,000	44,000	54,000,000	120,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
2-Hexanone	ug/kg dry	8260	2,500	20,000	ID	990,000	32,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
2-Methylnaphthalene	ug/kg dry	8260	330	57,000	4,200	2,700,000	8,100,000	9,900	8,200	<250	13,000	2,700	44,000	13,000	2,900	2,100	3,900	28,000	6,900	18,000	3,900	<280	<340	570
2-Propanone (acetone)	ug/kg dry	8260	1,000	15,000	34,000	290,000,000	23,000,000	<5200	<5400	<1000	<11000	<5700	<11000	<1400	<1500	<1400	<1400	<8900	<6100	<1300	<1400	<1100	<1400	<1100
4-Methyl-2-pentanone (MIBK)	ug/kg dry	8260	2,500	36,000	ID	37,000,000	56,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Acrylonitrile	ug/kg dry	8260	100	100	100	6,600	16,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Benzene	ug/kg dry	8260	50	100	4,000	1,600	180,000	<260	<270	<50	2,300	<280	4,600	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Bromobenzene	ug/kg dry	8260	100	550	NA	310,000	540,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Bromochloromethane	ug/kg dry	8260	NA	NA	NA	NA	NA	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Bromodichloromethane	ug/kg dry	8260	100	1,600	ID	1,200	110,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Bromoform	ug/kg dry	8260	100	1,600	ID	150,000	820,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Bromomethane	ug/kg dry	8260	200	200	700	860	320,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Carbon disulfide	ug/kg dry	8260	250	16,000	ID	76,000	7,200,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Carbon tetrachloride	ug/kg dry	8260	50	100	900	190	96,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Chlorobenzene	ug/kg dry	8260	50	2,000	500	120,000	4,300,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Chloroethane	ug/kg dry	8260	250	8,600	22,000	2,900,000	2,600,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Chloroform	ug/kg dry	8260	50	1,600	7,000	7,200	1,200,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Chloromethane	ug/kg dry	8260	250	5,200	ID	2,300	1,600,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
cis-1,2-Dichloroethylene	ug/kg dry	8260	50	1,400	12,000	22,000	2,500,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
cis-1,3-Dichloropropylene	ug/kg dry	8260	NA	NA	NA	NA	NA	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Cyclohexane	ug/kg dry	8260	NA	NA	NA	NA	NA	11,000	10,000	<250	7,500	1,400	29,000	3,300	650	2,900	470	<2200	2,000	870	2,400	<280	<340	<280
Dibromochloromethane	ug/kg dry	8260	100	1,600	ID	3,900	110,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Dibromomethane	ug/kg dry	8260	250	1,600	NA	ID	2,500,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Dichlorodifluoromethane	ug/kg dry	8260	250	95,000	ID	900,000	52,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Diethyl ether	ug/kg dry	8260	200	200	ID	28,000,000	110,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Diisopropyl Ether	ug/kg dry	8260	250	600	ID	670,000	920,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Ethylbenzene	ug/kg dry	8260	50	1,500	360	87,000	22,000,000	19,000	17,000	<50	57,000	8,300	110,000	1,400	790	340	440	13,000	1,900	11,000	1,900	<56	90	210
Ethyltertiarybutylether	ug/kg dry	8260	250	980	ID	540,000	ID	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Hexachloroethane	ug/kg dry	8260	300	430	1,800	40,000	230,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Isopropylbenzene	ug/kg dry	8260	250	91,000	3,200	400,000	25,000,000	2,000	1,900	<50	5,900	500	11,000	1,900	250	390	290	1,800	830	1,600	980	<56	<68	88
m & p - Xylene	ug/kg dry	8260	NA	NA	NA	NA	NA	38,000	33,000	<100	160,000	5,600	590,000	54,000	2,200	660	3,000	79,000	6,100	64,000	17,000	<110	290	670
Methyl iodide	ug/kg dry	8260	NA	NA	NA	NA	NA	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Methylene chloride	ug/kg dry	8260	100	100	30,000	45,000	1,300,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Methyltertiarybutylether	ug/kg dry	8260	250	800	140,000	9,900,000	1,500,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Naphthalene	ug/kg dry	8260	330	35,000	730	250,000	16,000,000	7,100	6,900	<250	13,000	1,400	35,000	13,000	1,600	<350	1,400	12,000	3,500	7,800	4,200	<280	<340	290
n-Butylbenzene	ug/kg dry	8260	50	1,600	ID	ID	2,500,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
n-Propylbenzene	ug/kg dry	8260	100	1,600	ID	ID	2,500,000	6,200	5,800	<50	13,000	2,000	46,000	7,400	1,100	1,300	1,200	7,900	3,100	6,700	3,600	<56	140	350
o-Xylene	ug/kg dry	8260	NA	NA	NA	NA	NA	4,600	4,000	<50	58,000	1,500	220,000	5,400	190	<70	<69	28,000	2,400	21,000	1,500	<56	<68	91
p-Isopropyl toluene	ug/kg dry	8260	NA	NA	NA	NA	NA	790	760	<50	940	<280	3,200	330	76	430	220	1,000	<300	720	210	<56	<68	100
sec-Butylbenzene	ug/kg dry	8260	50	1,600	ID	ID	2,500,000	970	910	<50	<560	<280	5,300	560	120	720	290	1,500	<300	1,000	350	<56	<68	120
Styrene	ug/kg dry	8260	50	2,700	2,100	250,000	400,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
tert-Butylbenzene	ug/kg dry	8260	50	1,600	ID	ID	2,500,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
tertiary Butyl Alcohol	ug/kg dry	8260	2,500	78,000	NA	310,000,000	120,000,000	<13000	<13000	<2500	<28000	<14000	<28000	<3400	<3700	<3500	<3500	<22000	<15000	<3200	<3500	<2800	<3400	<2800
tertiaryAmylmethylether	ug/kg dry	8260	250	3,900	NA	58,000	29,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Tetrachloroethylene	ug/kg dry	8260	50	100	1,200	11,000	200,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Tetrahydrofuran	ug/kg dry	8260	1,000	1,900	220,000	1,300,000	2,900,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Toluene	ug/kg dry	8260	100	16,000	5,400	330,000	50,000,000	1,100	930	<50	17,000	300	870,000	230	80	<70	73	5,000	750	4,600	120	<56	<68	<56
trans-1,2-Dichloroethylene	ug/kg dry	8260	50	2,000	30,000	23,000	3,800,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
trans-1,3-Dichloropropylene	ug/kg dry	8260	NA	NA	NA	NA	NA	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
trans-1,4-Dichloro-2-butene	ug/kg dry	8260	NA	NA	NA	NA	NA	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
Trichloroethylene	ug/kg dry	8260	50	100	4,000	1,000	110,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Trichlorofluoromethane	ug/kg dry	8260	100	52,000	NA	2,800,000	79,000,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Vinyl chloride	ug/kg dry	8260	40	40	260	270	3,800	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56

Grey indicates contaminant was detected.
Yellow indicates contaminant exceeds DWPC.
Blue indicates contaminant exceeds GSIPC.
Green indicates contaminant exceeds SVIIC.
Orange indicates contaminant exceeds one or more criteria: SVIIC and/or DCC.
"ID" means insufficient data to develop criterion.
"NA" means a criterion or value is not available or, in the case of background, not applicable.
"NLL" means hazardous substance is not likely to leach under most soil conditions.
"NLV" means hazardous substance is not likely to volatilize under most conditions.
Letters in criteria columns refer to Footnotes of the Criteria/RBSLs tables.

EXPERT

Michigan Department of Environmental Quality Analytical Testing Report

Work Order: 1507189
Report Date: 8/6/2015 16:17
Client: MDEQ-RRD-GAYLORD
Attention: Randy Rothe
Project Name: SWET-IMLAY CITY DPW
Project Number: 1099999

Sample Number								1507189-01	1507189-02	1507189-03	1507189-04	1507189-05	1507189-06	1507189-07
Sample ID								SB-02 (19'-24')W	DUP-1W	Trip Blank	SB-03 (19'-24')W	SB-05 (19'-24')W	SB-07 (19'-24')W	SB-08 (19'-24')W
Sample Depth														
Date Collected			Target Detection Limit (TDL)	Drinking Water Criteria (DWC)	Groundwater Surface Water Interface Criteria (GSIC)	Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIIC)	Rule 57 Final Acute Value (FAV)	7/15/2015	7/15/2015	7/6/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015
Date Received								7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015
Analyte	Units	Method	Organics-Volatiles											
1,1,1,2-Tetrachloroethane	ug/L	8260	1	77	ID	15,000	ID	<100	<100	<1.0	<10	<10	<100	<100
1,1,1-Trichloroethane	ug/L	8260	1	200	89	660,000	1,600	<100	<100	<1.0	<10	<10	<100	<100
1,1,2,2-Tetrachloroethane	ug/L	8260	1	9	78	12,000	1,800	<100	<100	<1.0	<10	<10	<100	<100
1,1,2-Trichloroethane	ug/L	8260	1	5	330	17,000	6,400	<100	<100	<1.0	<10	<10	<100	<100
1,1-Dichloroethane	ug/L	8260	1	880	740	1,000,000	13,000	<100	<100	<1.0	<10	<10	<100	<100
1,1-Dichloroethylene	ug/L	8260	1	7	130	200	2,300	<100	<100	<1.0	<10	<10	<100	<100
1,2,3-Trichlorobenzene	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	<50	<50	<500	<500
1,2,3-Trichloropropane	ug/L	8260	1	42	NA	8,300	NA	<100	<100	<1.0	<10	<10	<100	<100
1,2,3-Trimethylbenzene	ug/L	8260	NA	NA	NA	NA	NA	340	470	<1.0	94	77	680	740
1,2,4-Trichlorobenzene	ug/L	8260	5	70	99	300,000	850	<500	<500	<5.0	<50	<50	<500	<500
1,2,4-Trimethylbenzene	ug/L	8260	1	63	17	56,000	310	1,400	1,800	<1.0	640	460	2,500	2,800
1,2-Dibromo-3-chloropropane	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	<50	<50	<500	<500
1,2-Dibromoethane	ug/L	8260	0	0	6	2,400	280	<100	<100	<1.0	<10	<10	<100	<100
1,2-Dichlorobenzene	ug/L	8260	1	600	13	160,000	240	<100	<100	<1.0	<10	<10	<100	<100
1,2-Dichloroethane	ug/L	8260	1	5	360	9,600	16,000	<100	<100	<1.0	<10	<10	<100	<100
1,2-Dichloropropane	ug/L	8260	1	5	230	16,000	4,000	<100	<100	<1.0	<10	<10	<100	<100
1,3,5-Trimethylbenzene	ug/L	8260	1	72	45	61,000	810	430	600	<1.0	190	170	670	720
1,3-Dichlorobenzene	ug/L	8260	1	7	28	18,000	200	<100	<100	<1.0	<10	<10	<100	<100
1,4-Dichlorobenzene	ug/L	8260	1	75	17	16,000	210	<100	<100	<1.0	<10	<10	<100	<100
2-Butanone (MEK)	ug/L	8260	25	13,000	2,200	240,000,000	40,000	<500	<500	8.7	<50	<50	<500	<500
2-Hexanone	ug/L	8260	50	1,000	ID	4,200,000	ID	<500	<500	<5.0	<50	<50	<500	<500
2-Methylnaphthalene	ug/L	8260	5	260	19	25,000	340	<500	<500	<5.0	52	130	<500	<500
2-Propanone (acetone)	ug/L	8260	50	730	1,700	1,000,000,000	30,000	<2000	<2000	25	<200	<200	<2000	<2000
4-Methyl-2-pentanone (MIBK)	ug/L	8260	50	1,800	ID	20,000,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Acrylonitrile	ug/L	8260	2	3	2	34,000	1,200	<500	<500	<5.0	<50	<50	<500	<500
Benzene	ug/L	8260	1	5	200	5,600	1,900	440	410	<1.0	36	24	190	200
Bromobenzene	ug/L	8260	1	18	NA	180,000	NA	<100	<100	<1.0	<10	<10	<100	<100
Bromochloromethane	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
Bromodichloromethane	ug/L	8260	1	80	ID	4,800	ID	<100	<100	<1.0	<10	<10	<100	<100
Bromoform	ug/L	8260	1	80	ID	470,000	ID	<100	<100	<1.0	<10	<10	<100	<100
Bromomethane	ug/L	8260	5	10	35	4,000	640	<500	<500	<5.0	<50	<50	<500	<500
Carbon disulfide	ug/L	8260	5	800	ID	250,000	ID	<100	<100	<1.0	<10	<10	<100	<100
Carbon tetrachloride	ug/L	8260	1	5	45	370	1,400	<100	<100	<1.0	<10	<10	<100	<100
Chlorobenzene	ug/L	8260	1	100	25	210,000	450	<100	<100	<1.0	<10	<10	<100	<100
Chloroethane	ug/L	8260	5	430	1,100	5,700,000	20,000	<500	<500	<5.0	<50	<50	<500	<500
Chloroform	ug/L	8260	1	80	350	28,000	11,000	<100	<100	<1.0	<10	<10	<100	<100
Chloromethane	ug/L	8260	5	260	ID	8,600	ID	<500	<500	<5.0	<50	<50	<500	<500
cis-1,2-Dichloroethylene	ug/L	8260	1	70	620	93,000	11,000	<100	<100	<1.0	<10	<10	<100	<100
cis-1,3-Dichloropropylene	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
Cyclohexane	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	120	74	<500	<500
Dibromochloromethane	ug/L	8260	5	80	ID	14,000	ID	<100	<100	<1.0	<10	<10	<100	<100
Dibromomethane	ug/L	8260	5	80	NA	ID	NA	<100	<100	<1.0	<10	<10	<100	<100
Dichlorodifluoromethane	ug/L	8260	5	1,700	ID	220,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Diethyl ether	ug/L	8260	10	10	ID	61,000,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Diisopropyl Ether	ug/L	8260	5	30	ID	8,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Ethylbenzene	ug/L	8260	1	74	18	110,000	320	1,400	2,100	<1.0	280	190	2,900	3,200
Ethyltertiarybutylether	ug/L	8260	5	49	ID	2,900,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Hexachloroethane	ug/L	8260	5	7	7	27,000	210	<500	<500	<5.0	<50	<50	<500	<500
Isopropylbenzene	ug/L	8260	5	800	28	56,000	500	<100	<100	<1.0	32	23	<100	99
m & p - Xylene	ug/L	8260	NA	NA	NA	NA	NA	5,700	7,800	<2.0	1,000	850	12,000	13,000
Methyl iodide	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
Methylene chloride	ug/L	8260	5	5	1,500	220,000	17,000	<500	<500	<5.0	<50	<50	<500	<500
Methyltertiarybutylether	ug/L	8260	5	40	7,100	47,000,000	420,000	<100	<100	<1.0	<10	<10	<100	<100
Naphthalene	ug/L	8260	5	520	11	31,000	200	<500	<500	<5.0	59	71	<500	<500
n-Butylbenzene	ug/L	8260	1	80	ID	ID	ID	<100	<100	<1.0	<10	<10	<100	<100
n-Propylbenzene	ug/L	8260	1	80	ID	ID	ID	150	180	<1.0	100	67	270	310
o-Xylene	ug/L	8260	NA	NA	NA	NA	NA	2,200	2,800	<1.0	360	310	3,000	3,200
p-Isopropyl toluene	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	10	<10	<100	<100
sec-Butylbenzene	ug/L	8260	1	80	ID	ID	ID	<100	<100	<1.0	15	10	<100	<100
Styrene	ug/L	8260	1	100	80	170,000	2,900	<100	<100	<1.0	<10	<10	<100	<100
tert-Butylbenzene	ug/L	8260	1	80	ID	ID	ID	<100	<100	<1.0	<10	<10	<100	<100
tertiary Butyl Alcohol	ug/L	8260	50	3,900	NA	1,000,000,000	NA	<5000	<5000	<50	<500	<500	<5000	<5000
tertiaryAmylmethylether	ug/L	8260	5	190	NA	260,000	NA	<500	<500	<5.0	<50	<50	<500	<500
Tetrachloroethylene	ug/L	8260	1	5	60	25,000	2,900	<100	<100	<1.0	<10	<10	<100	<100
Tetrahydrofuran	ug/L	8260	90	95	11,000	6,900,000	150,000	<500	<500	<5.0	<50	<50	<500	<500
Toluene	ug/L	8260	1	790	270	530,000	2,600	5,000	4,300	<1.0	670	510	840	870
trans-1,2-Dichloroethylene	ug/L	8260	1	100	1,500	85,000	28,000	<100	<100	<1.0	<10	<10	<100	<100
trans-1,3-Dichloropropylene	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
trans-1,4-Dichloro-2-butene	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	<50	<50	<500	<500
Trichloroethylene	ug/L	8260	1	5	200	2,200	3,500	<100	<100	<1.0	<10	<10	<100	<100
Trichlorofluoromethane	ug/L	8260	1	2,600	NA	1,100,000	NA	<100	<100	<1.0	<10	<10	<100	<100
Vinyl chloride	ug/L	8260	1	2	13	1,100	17,000	<100	<100	<1.0	<10	<10	<100	<100

Grey indicates contaminant was detected.
Yellow indicates contaminant exceeds DWC.
Blue indicates contaminant exceeds GSIC.
Green indicates contaminant exceeds GVIIC.
Orange indicates contaminant exceeds one or more criteria; GVIIC and/or FAV.
"ID" means insufficient data to develop criterion.
"NA" means a criterion or value is not available or, in the case of background, not applicable.
"NLV" means hazardous substance is not likely to volatilize under most conditions.
Letters in criteria columns refer to Footnotes of the Criteria/RBSLs tables.

EXCERPT

Triage Schedule of Values

Vendor: The Mannik & Smith Group, Inc.
Contract Order #: Y15220

Site Name: Imlay City DPW
MSG Project Number: DTMB0256

Address: 400 East 3rd Street, Imlay City
County: Lapeer

Facility ID: 14763
District: Lansing

Line Item	Description	Est. Quantity	Units	Unit Price	Estimated Value	Actual Quantity **	Scheduled Value **
1	Project Admin. & Work Plan	1	Lump Sum	$1,500.00	$1,500.00	1	$1,500.00
2	Mob./Demob						
2a	Geoprobe	1	Lump Sum	$600.00	$600.00	1	$600.00
2b	Drill Rig (HSA)		Lump Sum	$600.00	$0.00		$0.00
3	Site Recon. GPR/EM	1	Lump Sum	$500.00	$500.00	1	$500.00
4	Geoprobe Borings						
4i	0 - 20 feet bgs	200	Lineal Feet	$9.50	$1,900.00	200	$1,900.00
4ii	20 - 40 feet bgs	50	Lineal Feet	$9.50	$475.00	50	$475.00
4iii	40 - 60 feet bgs		Lineal Feet	$12.50	$0.00		$0.00
4a	Geoprobe Soil VOC Samples	10	Sample	$5.00	$50.00	10	$50.00
4b	Geoprobe Water VOC Samples	5	Sample	$25.00	$125.00	5	$125.00
4c	Geoprobe Soil PNA Samples	5	Sample	$0.00	$0.00	5	$0.00
5	Drill w/4"HAS						
5i	0 - 20 feet bgs		Lineal Feet	$16.00	$0.00		$0.00
5ii	20 - 40 feet bgs		Lineal Feet	$16.00	$0.00		$0.00
5iii	40 - 60 feet bgs		Lineal Feet	$19.00	$0.00		$0.00
5a	Drill (HSA) Soil Samples		Sample	$5.00	$0.00		$0.00
5b	Drill (HSA) Water Samples		Sample	$25.00	$0.00		$0.00
5c	Drill (HSA) Soil PNA Samples		Sample	$0.00	$0.00		$0.00
6	Saturated Soil Sample (VOC)	5	Sample	$25.00	$125.00	5	$125.00
7	Site Restore	1	Lump Sum	$50.00	$50.00	1	$50.00
8	IDW Disposal						
8a	IDW Disposal Soil	1	Drum	$115.00	$115.00	0	$0.00
8b	IDW Disposal Water	55	Gallon	$2.30	$126.50	0	$0.00
9	Report	1	Report	$1,000.00	$1,000.00	1	$1,000.00
	TOTALS			$4,534.80	$6,566.50		
	TOTAL INVOICE						**$6,325.00**

** Payment will only be made for the actual work performed.
Only one invoice per site is to be submitted once all work is complete and submittals received

EXCERPT

RECEIVED
SEP 0 9 2015
MDEQ RD
LANSING DISTRICT OFFICE

Excerpts from *Leaking Underground Storage Tank Closure Report: City of Imlay City Former DPW*, dated February 18, 2013 and prepared by Huron Consultants.

EXCERPT

EAST THIRD STREET

N. CEDAR STREET (M-53)

IMLAY CITY FIRE DEPT.

ASPHALT

GRASS

SIDEWALK

ELECTRIC

WATER SERVICE

SEWER/SANITARY

FORMER SIGN SHOP

UST #3

GRAVEL

MULTI-TENANT COMM. BLDG. (RETAIL)

DPW GARAGE

EMBANKMENT (DECREASE IN ELEVATION WEST TO EAST)

RAILROAD RIGH-OF-WAY EMBANKMENT (ELEVATED SURFACE ELEVATION)

TRANSFORMER

RAILROAD BRIDGE

C & O RAILROAD

HSB-H 10/25/11, 5'-6'

VOCs	ND
PNAs	ND

HSB-D 2/16/11, 1'-3'

m,p-B	96
E	960
Iso	210
n-P	470
Nap	310
Toluene	970
1,2,3-TMB	770
1,2,4-TMB	2,400
1,3,5-TMB	820
Xylenes	5,800

HSB-E 10/25/11, 3'-5'

VOCs	ND
PNAs	ND

HSB-F 10/25/11, 7'-9'

VOCs	ND
PNAs	ND

HSB-I 10/25/11, 10'-12'

Chlfm	180
T	120
PNAs	ND

HSB-C 2/16/11, 13'-15' AND 20'-21'

m,p-B	410	1,000
Iso	77	83
2-M	3,500	350
n-P	260	160
Nap	1,700	310
Tol	240	870
1,2,3-TMB	670	210
1,2,4-TMB	2,300	920
1,3,5-TMB	720	250
Xylenes	3,000	2,900

HSB-B 2/16/11, 16'-18'

B	920
Iso	140
2-M	2,000
n-P	530
Nap	1,000
Tol	200
1,2,3-TMB	1,100
1,2,4-TMB	3,700
1,3,5-TMB	1,400
Xylenes	2,500

HSB-G 10/25/11, 9'-10'

m,p-B	110
E	1,500
Iso	91
n-P	360
Nap	440
Tol	590
1,2,4-TMB	1,500
1,3,5-TMB	450
Xylenes	2,800

HSB-A 2/16/11, 17'-19'

E	30,000
Iso	12,000
2-M	55,000
n-PB	26,000
Nap	40,000
Toluene	8,000
1,2,3-TMB	21,000
1,2,4-TMB	30,000
1,3,5-TMB	22,000
Xylenes	79,000

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17 (DEEP), MW-DEQ-1, MW-DEQ-4, MW-DEQ-5, MW-E, MW-F, MW-G, MW-H, MW-I, MW-PZ, HSB/MW-A, HSB/MW-B, SB-4, SB-5, SB-6, SB-7, SB-9, SB-10, SB-15

LEGEND

- MW — EXISTING MW LOCATION
- MW — MW LOCATION NO LONGER IN USE
- SB-4 — SOIL BORING LOCATION
- SD — STORM DRAIN CATCH BASIN
- UST — UNDERGROUND STORAGE TANK
- CATCH BASIN / MANHOLE

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
Iso	ISOPROPYLBENZENE
2-M	2-METHYLNAPHTHALENE
n-P	N-PROPYLBENZENE
N	NAPHTHALENE
1,2,4-TMB	1,2,4-TRIMETHYLBENZENE
1,3,5-TMB	1,3,5-TRIMETHYLBENZENE

HSB-I (10/25/11, 10'-12') Chlfm 180, T 120, PNAs ND — SOIL CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

EXCERPT

Huron Consultants

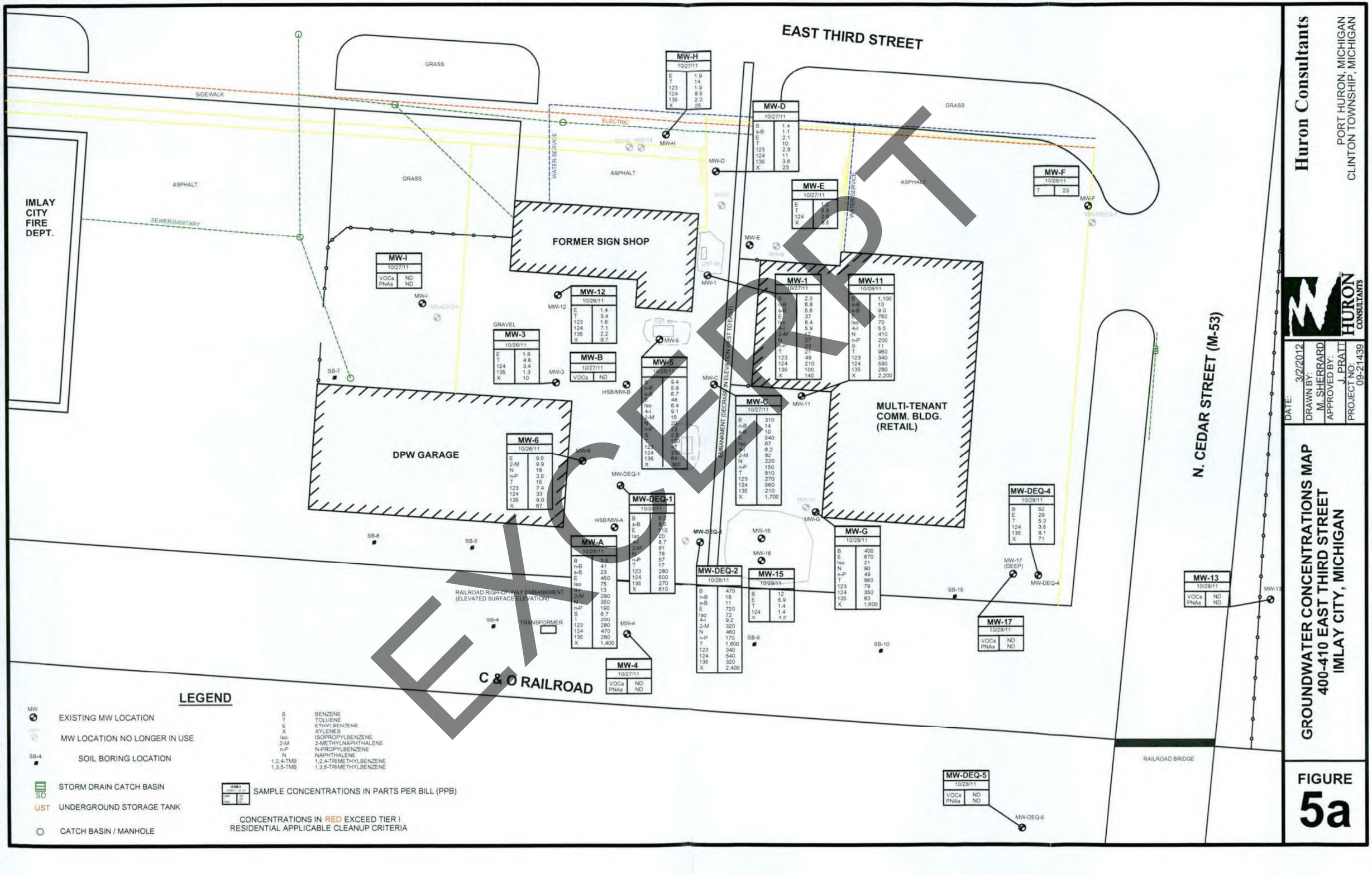
PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

DATE: 7/12/2012
DRAWN BY: M. SHERRARD
APPROVED BY: J. PRATI
PROJECT NO: 09-21439

HURON CONSULTANTS

SOIL CONCENTRATIONS MAP
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN

FIGURE
4



Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

DATE: 3/2/2012
DRAWN BY: M. SHERRARD
APPROVED BY: J. PRATT
PROJECT NO: 09-21439

HURON CONSULTANTS

GROUNDWATER CONCENTRATIONS MAP
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN

FIGURE
5a

EAST THIRD STREET

N. CEDAR STREET (M-53)

IMLAY CITY FIRE DEPT.

ASPHALT

GRASS

SIDEWALK

ELECTRIC

WATER SERVICE

SEWER/SANITARY

FORMER SIGN SHOP

GRAVEL

DPW GARAGE

MULTI-TENANT COMM. BLDG. (RETAIL)

RAILROAD RIGH-OF-WAY EMBANKMENT (ELEVATED SURFACE ELEVATION)

EMBANKMENT (DECREASE IN ELEVATION WEST TO EAST)

C & O RAILROAD

RAILROAD BRIDGE

TRANSFORMER

UST

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-15

MW-1 1/17/12

B	1.3
n-B	3.9
s-B	4.9
E	32
Iso	4.6
n-P	2.8
2-M	14
N	22
T	17
123	48
124	190
135	72
X	160

MW-3 1/17/12 VOCs ND

MW-5 1/17/12

B	21
n-B	6
E	39
Iso	6.2
4-I	6
n-P	23
T	63
123	40
124	320
135	91
X	260

MW-6 1/23/12

124	2.9

MW-B 1/23/12

E	1.1
124	3.7
135	2.2
X	7.3

MW-A 1/23/12

B	4.6
n-B	26
s-B	14
E	980
Iso	69
4-I	9.1
2-M	370
N	330
n-P	170
S	10
T	87
123	370
124	850
135	840
X	3400

MW-DEQ-1 1/17/12

B	4.2
n-B	10
s-B	11
E	360
Iso	24
4-I	10
2-M	8.6
N	35
n-P	77
T	7.8
123	310
124	660
135	310
X	820

MW-4 1/23/12

E	3.8
T	2.7
124	2.5
X	14

MW-DEQ-2 1/17/12

B	610
n-B	17
s-B	12
E	880
Iso	69
4-I	9.9
2-M	98
N	260
n-P	180
T	2300
123	410
124	720
135	400
X	3100

MW-15 1/23/12

B	200
n-B	9.8
E	260
Iso	3.1
N	7.4
T	23
123	3.5
124	24
X	210

MW-16 1/23/12 VOCs ND

MW-C 1/23/12

B	400
n-B	4.9
s-B	57
E	310
Iso	21
4-I	45
2-M	99
N	39
n-P	930
T	99
123	380
124	84
135	1600
X	

MW-11 1/23/12

B	12
E	9.8
T	30
123	1.4
124	5
135	1.6
X	48

MW-G 1/23/12

B	230
E	520
Iso	9
N	40
n-P	19
T	360
123	25
124	130
135	35
X	1400

MW-17 1/17/12 VOCs ND

MW-DEQ-4 1/17/12

B	5.5
E	17
n-P	3.2
T	1.5
123	1.6
124	5.7
135	16
X	54

MW-H 1/23/12

B	1.4
E	2.5
T	12
123	1.1
124	5.4
135	1.8
X	28

MW-D 1/23/12

E	3.6
n-P	1
T	5.8
123	2.6
124	12
135	2.9
X	32

MW-E 1/17/12 VOCs ND

MW-F 1/17/12

T	3.2
124	2.1
X	4.1

MW-I 1/23/12 VOCs ND

MW-12 1/17/12 VOCs ND

MW-13 1/17/12

E	3.9
T	19
123	4.6
124	17
135	5.8
X	46

MW-DEQ-5 1/17/12 VOCs ND

MW-I MW-DEQ-1 MW-DEQ-2 MW-DEQ-4 MW-DEQ-5 MW-DEQ-6 MW-13

LEGEND

- MW — EXISTING MW LOCATION
- MW — MW LOCATION NO LONGER IN USE
- SB-4 — SOIL BORING LOCATION
- SD — STORM DRAIN CATCH BASIN
- UST — UNDERGROUND STORAGE TANK
- O — CATCH BASIN / MANHOLE

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
Iso	ISOPROPYLBENZENE
2-M	2-METHYLNAPHTHALENE
n-P	N-PROPYLBENZENE
N	NAPHTHALENE
1,2,4-TMB	1,2,4-TRIMETHYLBENZENE
1,3,5-TMB	1,3,5-TRIMETHYLBENZENE

HSB-1 — SAMPLE CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

EXCERPT

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

DATE: 3/2/2012
DRAWN BY: M. SHERRARD
APPROVED BY: J. PRATI
PROJECT NO: 09-21439

GROUNDWATER CONCENTRATIONS MAP
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN

FIGURE 5b

EAST THIRD STREET

N. CEDAR STREET (M-53)

C & O RAILROAD

IMLAY CITY FIRE DEPT.

DPW GARAGE

FORMER SIGN SHOP

MULTI-TENANT COMM. BLDG. (RETAIL)

GRASS

ASPHALT

GRAVEL

SIDEWALK

ELECTRIC

WATER SERVICE

SEWER/SANITARY

EMBANKMENT (DECREASE IN ELEVATION WEST TO EAST)

RAILROAD RIGH-OF-WAY EMBANKMENT (ELEVATED SURFACE ELEVATION)

TRANSFORMER

RAILROAD BRIDGE

UST

SB-7 SB-6 SB-5 SB-4 SB-9 SB-10 SB-15

MW-H 4/4/12 VOCs ND

MW-D 4/4/12

R	4.7
Iso	1.1
T	1.6
123	1.1
124	3.2
135	1.5

MW-E 4/3/12

E	1.1
T	2.7
123	1.8
124	6.7
135	4.3
X	6.1

MW-F 4/3/12 VOCs ND

MW-I 4/2/12 VOCs ND

MW-12 4/2/12 VOCs ND

MW-3 4/2/12 VOCs ND

MW-5 4/4/12

B	24
n-B	3.3
s-B	18
E	0.1
Iso	5.7
4-I	8
n-P	120
N	31
123	140
124	55
135	290
X	290

MW-1 4/2/12

B	2.4
n-B	2.4
s-B	27
E	2.6
Iso	1.6
4-I	41
N	38
n-P	9
T	36
123	23
124	93
135	40
X	120

MW-B 4/2/12

X	5

MW-C 4/4/12

B	130
n-B	5.4
s-B	4.9
E	330
Iso	39
4-I	3.9
N	21
n-P	120
T	62
123	460
124	160
135	460
X	94
	1100

MW-11 4/3/12

B	540
n-B	14
s-B	9.4
E	600
Iso	64
4-I	5.7
N	330
n-P	150
T	950
123	320
124	600
135	260
X	1600

MW-6 4/4/12 VOCs ND

MW-DEQ-1 4/2/12

n-B	4.6
s-B	4.8
E	31
Iso	8.6
4-I	4.5
2-M	42
N	24
n-P	27
T	2.1
123	120
124	290
135	79
X	120

MW-A 4/2/12

B	1.9
n-B	79
s-B	15
E	510
Iso	73
4-I	11
2-M	350
N	300
n-P	100
T	41
123	370
124	650
135	340
X	1600

MW-DEQ-2 4/4/12

B	380
n-B	20
s-B	11
E	670
Iso	85
4-I	9
2-M	550
N	420
n-P	150
T	1800
123	420
124	630
135	360
X	2200

MW-G 4/3/12

B	26
E	42
n-P	2.5
123	3.8
124	17
135	4.3
X	65

MW-15 4/4/12

B	150
E	330
Iso	7.8
N	30
n-P	6.3
T	36
123	14
124	72
135	4.9
X	300

MW-16 4/3/12

E	6.6
2-M	6.2
N	2.9
n-P	1.4
T	4.7
123	12
124	18
135	5.6
X	25

MW-17 4/3/12

E	6.4
N	13
n-P	2.5
T	9
123	7.3
124	26
135	7
X	40

MW-DEQ-4 4/3/12

E	2
n-P	1.1
T	3.6
123	2.8
124	10
135	2.9
X	11

MW-13 4/3/12 VOCs ND

MW-DEQ-5 4/3/12 VOCs ND

MW-DEQ-6

LEGEND

- MW — EXISTING MW LOCATION
- MW — MW LOCATION NO LONGER IN USE
- SB-4 — SOIL BORING LOCATION
- SD — STORM DRAIN CATCH BASIN
- UST — UNDERGROUND STORAGE TANK
- CATCH BASIN / MANHOLE

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
Iso	ISOPROPYLBENZENE
2-M	2-METHYLNAPHTHALENE
n-P	N-PROPYLBENZENE
N	NAPHTHALENE
1,2,4-TMB	1,2,4-TRIMETHYLBENZENE
1,3,5-TMB	1,3,5-TRIMETHYLBENZENE

HSB-I (VOCs) VE LE: Carbs 1 Nitro ND — SAMPLE CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

EXCERPT

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

DATE: 6/6/2012
DRAWN BY: M. SHERRARD
APPROVED BY: J. PRATT
PROJECT NO: 09-21439

GROUNDWATER CONCENTRATIONS MAP
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN

FIGURE
5c

EXCERPT

EAST THIRD STREET

N. CEDAR STREET (M-53)

IMLAY CITY FIRE DEPT.

ASPHALT

GRASS

SIDEWALK

ELECTRIC

WATER SERVICE

SEWER/SANITARY

FORMER SIGN SHOP

GRAVEL

MULTI-TENANT COMM. BLDG. (RETAIL)

DPW GARAGE

RAILROAD RIGH-OF-WAY EMBANKMENT (ELEVATED SURFACE ELEVATION)

EMBANKMENT (DECREASE IN ELEVATION WEST TO EAST)

TRANSFORMER

C & O RAILROAD

RAILROAD BRIDGE

MW-H	7/5/12
E	2.1
T	2.7
123	2.9
124	12
135	2.3
X	13

MW-D	7/5/12
n-B	2.6
E	1.1
2-M	11
T	4.5
123	4.6
124	14
135	4.6
X	8.2

MW-F	7/6/12
VOCs	ND

MW-E	7/5/12
124	4.6

MW-I	7/6/12
VOCs	ND

MW-12	7/6/12
VOCs	ND

MW-1	7/5/12
n-B	5.7
s-B	3.7
E	61
Iso	9.7
4-I	3.6
2-M	59
N	28
n-P	23
T	36
123	240
124	110
135	120
X	

MW-3	7/6/12
VOCs	ND

MW-5	7/5/12
B	14
n-B	3.9
s-B	3.5
E	430
Iso	4.0
4-I	4.8
2-M	39
n-P	18
MIK	430
T	180
123	26
124	110
135	19
X	240

MW-B	7/6/12
B	1.3
123	3.9
124	11
135	9.3
X	25

MW-C	7/5/12
B	120
n-B	4.1
s-B	290
E	290
Iso	32
4-I	1.9
2-M	20
N	110
n-P	52
T	430
123	130
124	380
135	59
X	940

MW-11	7/9/12
B	990
E	1200
Iso	43
4-I	2.9
N	260
n-P	100
T	2000
123	280
124	540
135	190
X	5200

MW-6	7/5/12
2-M	30
N	29
E	10
n-P	2
T	48
123	9.4
124	33
135	8.2
X	83

MW-DEQ-1	7/5/12
B	2.4
n-B	10
s-B	7.4
E	58
Iso	9.7
4-I	7.7
2-M	160
N	67
n-P	56
T	10
123	250
124	520
135	210
X	340

MW-A	7/6/12
n-B	27
s-B	13
E	850
Iso	63
4-I	8.8
2-M	340
N	230
n-P	140
T	70
123	310
124	1500
135	290
X	4800

MW-DEQ-2	7/5/12
B	340
n-B	21
s-B	13
E	3100
4-I	7.8
Iso	93
2-M	470
N	440
n-P	170
T	27000
123	440
124	700
135	350
X	18000

MW-15	7/9/12
B	170
E	450
Iso	17
N	73
n-P	14
T	40
123	26
124	160
135	5.3
X	330

MW-G	7/9/12
B	210
E	380
Iso	13
N	67
n-P	21
MIK	120
T	180
123	54
124	200
135	47
X	960

MW-17	7/6/12
VOCs	ND

MW-DEQ-4	7/6/12
B	3.5
E	61
n-B	4.5
s-B	3.3
4-iso	1.7
iso	7.7
2-M	13
N	26
n-P	24
T	4.5
123	54
124	210
135	43
X	260

MW-DEQ-5	7/6/12
VOCs	ND

LEGEND

- MW — EXISTING MW LOCATION
- MW — MW LOCATION NO LONGER IN USE
- SB-4 — SOIL BORING LOCATION
- SD — STORM DRAIN CATCH BASIN
- UST — UNDERGROUND STORAGE TANK
- CATCH BASIN / MANHOLE

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
Iso	ISOPROPYLBENZENE
2-M	2-METHYLNAPHTHALENE
n-P	N-PROPYLBENZENE
N	NAPHTHALENE
1,2,4-TMB	1,2,4-TRIMETHYLBENZENE
1,3,5-TMB	1,3,5-TRIMETHYLBENZENE

HSB-2 — SAMPLE CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

Huron Consultants

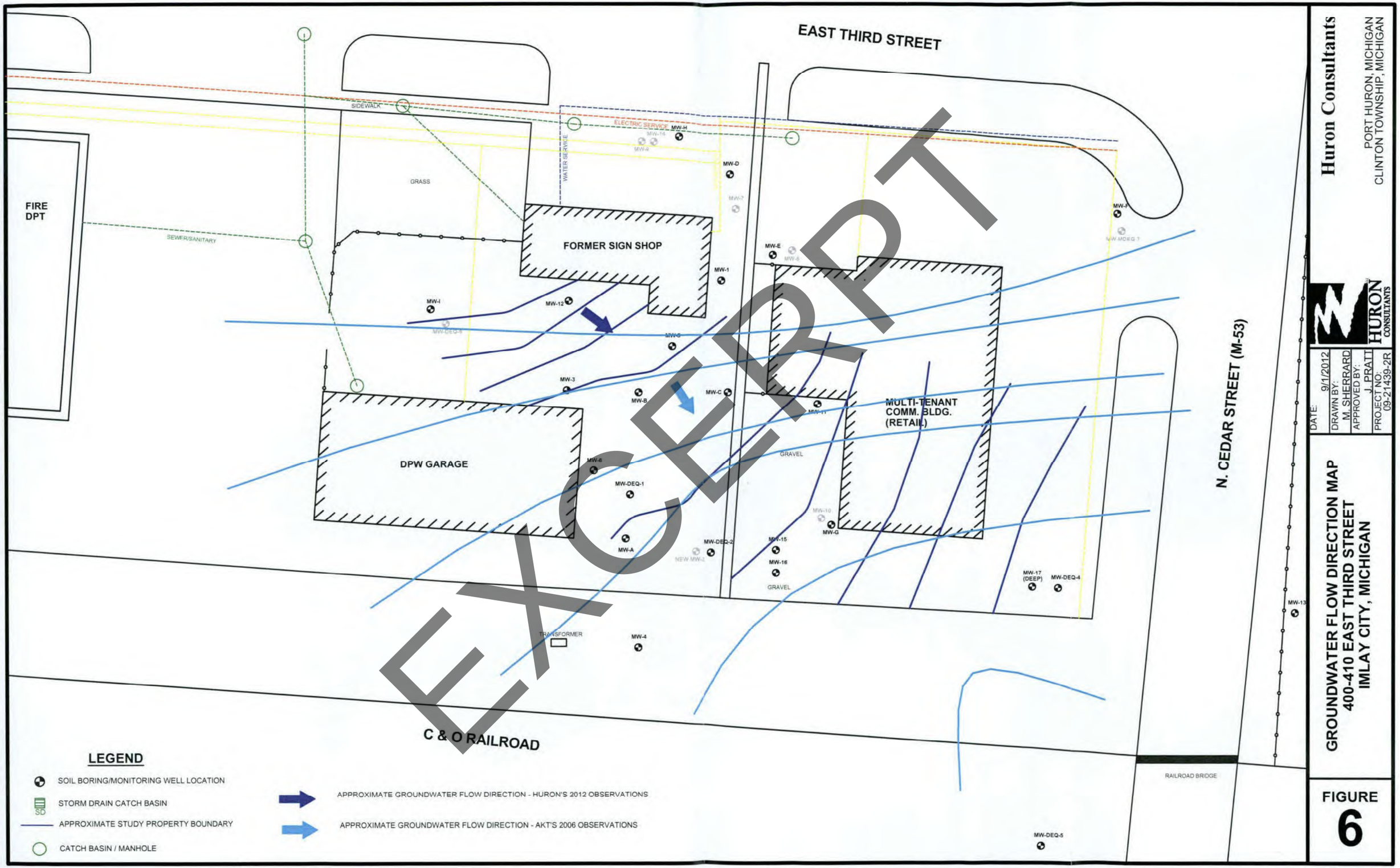
PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

DATE: 9/12/2012
DRAWN BY: M. SHERRARD
APPROVED BY: J. PRATI
PROJECT NO: 09-21439

GROUNDWATER CONCENTRATIONS MAP
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN

FIGURE 5d



EXCERPT

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

DATE: 9/1/2012
DRAWN BY: M. SHERRARD
APPROVED BY: J. PRATT
PROJECT NO: 09-21439-2R

GROUNDWATER FLOW DIRECTION MAP
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN

FIGURE
6

EXCERPT

SOIL ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS

400 EAST 3RD STREET, IMLAY CITY, MICHIGAN

[redacted]

							2/16/11	2/16/11	2/16/11	2/16/11	2/16/11
VOLATILE ORGANICS											
Benzene	100	4,000	220,000	1,600	13,000	180,000	ND	ND	ND	ND	96
n-Butylbenzene	1,600	ID	120,000	ID	ID	2,500,000	ND	ND	ND	ND	ND
Chloroform	1,600	7,000	1,500,000	7,200	45,000	1,200,000	ND	ND	ND	ND	ND
Ethylbenzene	1,500	360	140,000	87,000	720,000	140,000	30,000	520	410	1,000	960
Isopropylbenzene	91,000	3,200	390,000	390,000	1,700,000,000	390,000	12,000	140	77	83	210
2-Methylnaphthalene	57,000	4,200	5,500,000	2,700,000	1,500,000	8,100,000	55,000	2,000	3,500	350	ND
n-Propyl Benzene	1,600	ID	300,000	ID	ID	2,500,000	26,000	530	260	160	470
Naphthalene	35,000	870	2,100,000	250,000	300,000	16,000,000	40,000	1,000	1,700	310	310
Toluene	16,000	5,400	250,000	250,000	2,800,000	250,000	8,000	200	340	570	970
1,2,3-Trimethylbenzene	2,100	570	110,000	110,000	21,000,000	110,000	21,000	1,100	640	210	770
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	21,000,000	110,000	30,000	3,700	2,300	920	2,400
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	16,000,000	94,000	22,000	1,400	720	250	820
Xylenes	5,600	820	150,000	150,000	46,000,000	150,000	79,000	3,500	3,000	2,900	5,800
POLYNUCLEAR AROMATICS											
Acenaphthene	300,000	8,700	970,000	190,000,000	81,000,000	41,000,000	330	ND	ND	ND	ND
Acenaphthylene	5,900	ID	440,000	1,600,000	2,200,000	1,600,000	ND	ND	ND	ND	ND
Anthracene	41,000	ID	41,000	1,000,000,000	1,000,000,000	230,000,000	ND	ND	ND	ND	ND
Benzo(a)anthracene	NLL	NLL	NLL	NLV	NLV	20,000	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NLL	NLL	NLL	ID	ID	20,000	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NLL	NLL	NLL	NLV	NLV	200,000	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NLL	NLL	NLL	NLV	800,000,000	2,500,000	ND	ND	ND	ND	ND
Benzo(a)pyrene	NLL	NLL	NLL	NLV	1,500,000	2,000	ND	ND	ND	ND	ND
Chrysene	NLL	NLL	NLL	ID	ID	2,000,000	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NLL	NLL	NLL	NLV	NLV	2,000	ND	ND	ND	ND	ND
Fluoranthene	730,000	5,500	730,000	1,000,000,000	740,000,000	46,000,000	ND	ND	ND	ND	ND
Fluorene	390,000	5,300	890,000	580,000,000	130,000,000	27,000,000	260	ND	ND	ND	ND
Phenanthrene	56,000	2,100	1,100,000	2,800,000	160,000	1,600,000	300	ND	ND	ND	ND
Pyrene	480,000	ID	480,000	1,000,000,000	650,000,000	29,000,000	ND	ND	ND	ND	ND

Concentrations and detection limits reported in parts per billion (ug/kg)
Criteria obtained from Table 2 of Attachment 1 of RRD Operational Memorandum No. 1, March 25, 2011
ND = Not detected
NLV = Chemical is not likely to volatilize
ID = Insufficient data for development of criterion
Concentration exceeds the Applicable Tier I RBSLs

EXCERPT

SOIL ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MICHIGAN
FACILITY ID NO. 66014783

	Drinking Water RBSLs	Groundwater Surface Water Interface RBSLs	Groundwater Contact RBSLs	Volatilization to Indoor Air Inhalation RBSLs	Volatilization to Ambient Air Inhalation RBSLs	Direct Contact RBSLs	HSB-E 3-5' 10/25/11	HSB-F 7-9' 10/25/11	HSB-G 9-10' 10/25/11	HSB-H 5-6' 10/25/11	HSB-I 10-12' 10/25/11
VOLATILE ORGANICS											
Benzene	100	4,000	220,000	1,600	13,000	180,000	ND	ND	ND	ND	ND
n-Butylbenzene	1,600	ID	120,000	ID	ID	2,500,000	ND	ND	110	ND	ND
Chloroform	1,600	7,000	1,500,000	7,200	45,000	1,200,000	ND	ND	ND	ND	180
Ethylbenzene	1,500	360	140,000	87,000	720,000	140,000	ND	ND	1,500	ND	ND
Isopropylbenzene	91,000	3,200	390,000	390,000	1,700,000,000	390,000	ND	ND	91	ND	ND
2-Methylnaphthalene	57,000	4,200	5,500,000	2,700,000	1,500,000	8,100,000	ND	ND	ND	ND	ND
n-Propyl Benzene	1,600	ID	300,000	ID	ID	2,500,000	ND	ND	360	ND	ND
Naphthalene	35,000	870	2,100,000	250,000	300,000	16,000,000	ND	ND	440	ND	ND
Toluene	16,000	5,400	250,000	250,000	2,800,000	250,000	ND	ND	590	ND	120
1,2,3-Trimethylbenzene	2,100	570	110,000	110,000	21,000,000	110,000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	21,000,000	110,000	ND	ND	1,500	ND	ND
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	16,000,000	94,000	ND	ND	450	ND	ND
Xylenes	5,600	820	150,000	150,000	46,000,000	150,000	ND	ND	2,800	ND	ND
POLYNUCLEAR AROMATICS											
Acenaphthene	300,000	8,700	970,000	190,000,000	81,000,000	41,000,000	ND	ND	ND	ND	ND
Acenaphthylene	5,900	ID	440,000	1,600,000	2,200,000	1,600,000	ND	ND	ND	ND	ND
Anthracene	41,000	ID	41,000	1,000,000,000	1,000,000,000	230,000,000	ND	ND	ND	ND	ND
Benzo(a)anthracene	NLL	NLL	NLL	NLV	NLV	20,000	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NLL	NLL	NLL	ID	ID	20,000	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NLL	NLL	NLL	NLV	NLV	200,000	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NLL	NLL	NLL	NLV	800,000,000	2,500,000	ND	ND	ND	ND	ND
Benzo(a)pyrene	NLL	NLL	NLL	NLV	1,500,000	2,000	ND	ND	ND	ND	ND
Chrysene	NLL	NLL	NLL	ID	ID	2,000,000	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NLL	NLL	NLL	NLV	NLV	2,000	ND	ND	ND	ND	ND
Fluoranthene	730,000	5,500	730,000	1,000,000,000	740,000,000	46,000,000	ND	ND	ND	ND	ND
Fluorene	390,000	5,300	890,000	580,000,000	130,000,000	27,000,000	ND	ND	ND	ND	ND
Phenanthrene	56,000	2,100	1,100,000	2,800,000	160,000	1,600,000	ND	ND	ND	ND	ND
Pyrene	480,000	ID	480,000	1,000,000,000	650,000,000	29,000,000	ND	ND	ND	ND	ND

Concentrations and detection limits reported in parts per billion (ug/kg)
Criteria obtained from Table 2 of Attachment 1 of RRD Operational Memorandum No. 1, March 25, 2011
ND = Not detected
NLV = Chemical is not likely to volatilize
ID = Insufficient data for development of criterion
Concentration exceeds the Applicable Tier I RBSLs

EXCERPT

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MI
FACILITY ID NO. 00014763

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-1				MW-3				MW-4			
					10/27/11	1/17/12	4/2/2012	7/5/12	10/26/11	1/17/12	4/2/12	7/5/12	10/27/11	1/23/12	4/4/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	2.0	1.3	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
n-Butylbenzene	80	ID	ID	5,900	6.8	3.9	2.4	5.7	ND	ND	ND	ND	ND	ND	NS	NS
sec-Butylbenzene	80	ID	ID	4,400	5.6	4.9	2.4	3.7	ND	ND	ND	ND	ND	ND	NS	NS
Ethylbenzene	74	18	110,000	170,000	37	32	27	61	1.8	ND	ND	ND	ND	3.8	NS	NS
Isopropylbenzene	800	28	56,000	56,000	6.4	4.6	2.6	9.7	ND	ND	ND	ND	ND	ND	NS	NS
4-Isopropyltoluene	ID	ID	ID	ID	5.9	2.8	1.6	3.6	ND	ND	ND	ND	ND	ND	NS	NS
2-Methylnaphthalene	260	19	25,000	25,000	17	14	41	59	ND	ND	ND	ND	ND	ND	NS	NS
Naphthalene	620	11	24,000	24,000	27	23	39	49	ND	ND	ND	ND	ND	ND	NS	NS
n-Propylbenzene	660	13	110,000	110,000	11	7.7	5.1	12	ND	ND	ND	ND	ND	ND	NS	NS
Toluene	110	36	110,000	110,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Xylenes	280	210	110,000	110,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
1,2,4-Trimethylbenzene	63	63	56,000	56,000	11	8.2	5.1	12	ND	ND	ND	ND	ND	ND	NS	NS
1,3,5-Trimethylbenzene	63	63	56,000	56,000	11	8.2	5.1	12	ND	ND	ND	ND	ND	ND	NS	NS
Vinyl Chloride	2.0	2.0	61	61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS

Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, March 25, 2011
ID = Insufficient data for development of criterion ND = Non Detect NS = No Sample Collected
Shaded concentrations exceed one or more of the listed criteria
Concentration exceeds Applicable Tier I RBSL

EXCERPT

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-5				MW-6				MW-11			
					10/26/11	1/17/12	4/4/12	7/5/12	10/26/11	1/23/12	4/2/12	7/9/12	10/28/11	1/23/12	4/3/12	7/9/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,800	11,000	8.4	21	24	14	ND	ND	ND	ND	1,100	12	540	690
n-Butylbenzene	80	ID	ID	5,900	5.0	ND	ND	3.9	ND	ND	ND	ND	13	ND	14	ND
sec-Butylbenzene	80	ID	ID	4,400	6.7	8.0	3.5	3.6	ND	ND	ND	ND	9.0	ND	9.4	ND
Ethylbenzene	74	16	110,000	170,000	48	38	28	44	9.5	ND	ND	10	700	9.8	800	1,200
Isopropylbenzene	600	28	59,000	59,000	6.4	6.2	3.1	5.0	ND	ND	ND	ND	79	ND	64	43
4-Isopropyltoluene	ID	ID	ID	ID	9.1	8.0	5.7	4.6	ND	ND	ND	ND	5.5	ND	5.7	2.9
2-Methylnaphthalene	260	19	25,000	25,000	15	ND	ND	28	2.8	ND	ND	35	ND	ND	ND	ND
Naphthalene	520	11	31,000	31,000	20	ND	ND	23	18	ND	ND	29	410	ND	330	260
n-Propylbenzene	80	ID		15,000	23	23.0	8	12	3.5	ND	ND	2.0	200	ND	150	100
Styrene	100	80	170,000	9,700	2.6	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND
Toluene	790	270	530,000	530,000	130	63.0	120	140	15	ND	ND	48	960	30	950	2,000
1,2,3-Trimethylbenzene	63	17	56,000	56,000	47	40	31	26	7.4	ND	ND	9.4	340	1.4	320	280
1,2,4-Trimethylbenzene	63	17	56,000	56,000	230	220	140	110	33	2.9	ND	33	580	5	600	540
1,3,5-Trimethylbenzene	72	45	61,000	61,000	64	61	55	19	9.0	ND	ND	8.2	280	1.6	260	190
Xylenes	280	41	190,000	190,000	360	260	290	240	67	ND	ND	83	2,200	48	1600	5,200

Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, Ma
ID = Insufficient data for development of criterion ND = Non Detect NS = No S
Shaded concentrations exceed one or more of the listed criteria
Concentration exceeds Applicable Tier I RBSL

EXCERPT

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MI
FACILITY ID NO. 00014763

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-12				MW-13				MW-15			
					10/26/11	1/17/12	4/2/12	7/6/12	10/28/11	1/17/12	4/3/12	7/6/12	10/28/11	1/23/12	4/3/12	7/9/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	ND	ND	ND	ND	ND	ND	ND	NS	12	200	150	170
n-Butylbenzene	80	ID	ID	5,900	ND	ND	ND	ND	ND	ND	ND	NS	ND	9.8	ND	ND
sec-Butylbenzene	80	ID	ID	4,400	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
Ethylbenzene	74	18	110,000	170,000	1.4	ND	ND	ND	ND	3.9	ND	NS	5.9	250	330	450
Isopropylbenzene	800	28	56,000	56,000	ND	ND	ND	ND	ND	ND	ND	NS	ND	3.1	7.8	17
4-Isopropyltoluene	ID	ID	ID	ID	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
2-Methylnaphthalene	260	19	25,000	25,000	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, Ma
ID = Insufficient data for development of criterion ND = Non Detect NS = No S
Shaded concentrations exceed one or more of the listed criteria
Concentration exceeds Applicable Tier I RBSL

EXCERPT

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MI
FACILITY ID NO. 00014763

VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	NS	ND	ND	NS	ND	ND	ND	ND	9.2	4.2	ND	2.4
n-Butylbenzene	80	ID	ID	5,900	NS	ND	ND	NS	ND	ND	ND	ND	ND	10	4.6	10
sec-Butylbenzene	80	ID	ID	4,400	NS	ND	ND	NS	ND	ND	ND	ND	8.5	11	4.8	7.4
Ethylbenzene	74	18	110,000	170,000	NS	ND	2.9	NS	ND	ND	6.4	ND	110	120	31	88
Isopropylbenzene	800	28	56,000	56,000	NS	ND	ND	NS	ND	ND	ND	ND	20	24	8.6	21
4-Isopropyltoluene	ID	ID	ID	ID	NS	ND	ND	NS	ND	ND	ND	ND	8.7	10	4.5	6.7
2-Methylnaphthalene	260	19	25,000	25,000	NS	ND	6.6	NS	ND	ND	ND	ND	81	8.6	42	160
Naphthalene	520	11	31,000	31,000	NS	ND	6.2	NS	ND	ND	13	ND	76	35	24	67
n-Propylbenzene	80	ID		15,000	NS	ND	1.4	NS	ND	ND	2.5	ND	57	77	27	56
Styrene	100	80	170,000	9,700	NS	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	NS	ND	12	NS	ND	ND	9	ND	17	7.8	2.4	10
1,2,3-Trimethylbenzene	63	17	56,000	56,000	NS	ND	4.7	NS	ND	ND	7.3	ND	280	310	120	250
1,2,4-Trimethylbenzene	63	17	56,000	56,000	NS	ND	18	NS	ND	ND	26	ND	500	660	290	520
1,3,5-Trimethylbenzene	72	45	61,000	61,000	NS	ND	5.6	NS	ND	ND	7	ND	270	310	78	210
Xylenes	280	41	190,000	190,000	NS	ND	25	NS	ND	ND	40	ND	610	620	120	340

EXCERPT

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-DEQ-2				MW-DEQ-4				MW-MDEQ-5			
					10/28/11	1/17/12	4/2/12	7/5/12	10/28/11	1/17/12	4/3/12	7/6/12	10/28/11	1/17/12	4/3/12	7/5/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	470	610	380	340	52	5.5	ND	3.5	ND	ND	ND	ND
n-Butylbenzene	80	ID	ID	5,900	18	17	20	21	ND	ND	ND	4.5	ND	ND	ND	ND
sec-Butylbenzene	80	ID	ID	4,400	11	12	11	13	ND	ND	ND	3.3	ND	ND	ND	ND
Ethylbenzene	74	18	110,000	170,000	720	880	670	3,100	29	17	2	61	ND	ND	ND	ND
Isopropylbenzene	800	28	56,000	56,000	72	69	85	93	ND	ND	ND	7.7	ND	ND	ND	ND
4-Isopropyltoluene	ID	ID	ID	ID	9.2	9.9	9	7.8	ND	ND	ND	1.7	ND	ND	ND	ND
2-Methylnaphthalene	260	19	25,000	25,000	320	98	550	470	ND	ND	ND	13	ND	ND	ND	ND
Naphthalene	620	11	31,000	31,000	460	350	430	440	ND	ND	ND	35	ND	ND	ND	ND
n-Propylbenzene	66	53	[illegible]	10,000	170	180	159	176	ND	1.2	1.1	29	ND	ND	ND	ND
Styrene	100	30	170,000	9,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	750	270	170,000	685,000	1,000	2300	1800	2,000	2.1	1.5	1.8	4.8	ND	ND	ND	ND
1,2,3-Trimethylbenzene	63	17	39,000	39,000	940	710	460	490	1.8	1.5	2.6	24	ND	ND	ND	ND
1,2,4-Trimethylbenzene	63	17	39,000	39,000	840	720	630	700	6.6	5.7	5.2	110	ND	ND	ND	ND
1,3,5-Trimethylbenzene	72	46	25,000	31,000	300	260	240	280	2.1	1.6	2.9	42	ND	ND	ND	ND
Xylenes	280	41	160,000	160,000	1,400	2100	1700	1,900	11	5.4	11	240	ND	ND	ND	ND

EXCERPT

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MI
FACILITY ID NO. 00014763

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-A				MW-B				MW-C			
					10/26/11	1/23/12	4/2/12	7/5/12	10/27/11	1/23/12	4/2/12	7/5/12	10/27/11	1/23/12	4/4/12	7/5/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	3.8	4.5	1.9	ND	ND	ND	ND	1.3	310	460.0	130	120
n-Butylbenzene	99	ID	ID	5,900	41	28	29	27	ND	ND	ND	ND	16	4.8	5.4	4.1
sec-Butylbenzene	99	ID	ID	4,400	28	14	16	13	ND	ND	ND	ND	10	5.7	4.8	3.9
Ethylbenzene	74	18	110,000	175,000	460	660	510	500	ND	1.1	ND	ND	540	310	330	290
Isopropylbenzene	800	28	96,000	69,000	75	69	73	63	ND	ND	ND	ND	61	31	37	32
4-Isopropyltoluene	ID	ID	ID	ID	18	8.1	11	8.6	ND	ND	ND	ND	6.2	ND	3.9	1.8
2-Methylnaphthalene	295	19	25,000	25,000	290	370	900	240	ND	ND	ND	ND	42	46	21	60
[illegible]	[illegible]	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND	[illegible]	[illegible]	ND	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Naphthalene	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Toluene	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1,2,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1,3,5-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Xylenes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, Ma
ID = Insufficient data for development of criterion ND = Non Detect NS = No S
Shaded concentrations exceed one or more of the listed criteria
Concentration exceeds Applicable Tier I RBSL

EXCERPT

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MI
FACILITY ID NO. 00014763

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-D				MW-E				MW-F			
					10/27/11	1/23/12	4/4/12	7/5/12	10/27/11	1/17/12	4/2/12	7/5/12	10/26/11	1/17/12	4/3/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	320	5,600	11,000	2.1	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	86	ID	ID	1,320	ND	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	86	ID	ID	2,460	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	74	43	110,000	170,000	2.1	0.8 J	ND	1.1	1.2	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	450	28	56,000	58,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ID	ID	ID	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	860	110	46,000	69,000	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND

Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, Ma
ID = Insufficient data for development of criterion ND = Non Detect NS = No S
Shaded concentrations exceed one or more of the listed criteria
Concentration exceeds Applicable Tier I RBSL

EXCERPT

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS
400 EAST 3RD STREET, IMLAY CITY, MI
FACILITY ID NO. 00014763

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-G				MW-H				MW-I			
					10/28/11	1/23/12	4/3/12	7/9/12	10/27/11	1/23/12	4/4/12	7/5/12	10/27/11	1/23/12	4/2/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																

Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, Ma
ID = Insufficient data for development of criterion ND = Non Detect NS = No S
Shaded concentrations exceed one or more of the listed criteria
Concentration exceeds Applicable Tier I RBSL

EXCERPT

Excerpts from *Corrective Action Plan Status Report: 400, 410, and 420 East Third Street, Imlay City, Michigan*, dated September 2, 2010 and prepared by AKT Peerless Environmental Services.

EXCERPT

IMLAY CITY QUADRANGLE

MICHIGAN – LAPEER COUNTY

7.5 MINUTE SERIES (TOPOGRAPHIC)

T.7 N. – R.12 E.

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

MICHIGAN QUADRANGLE LOCATION

IMAGE TAKEN FROM 1963 U.S.G.S. TOPOGRAPHIC MAP

EXCERPT

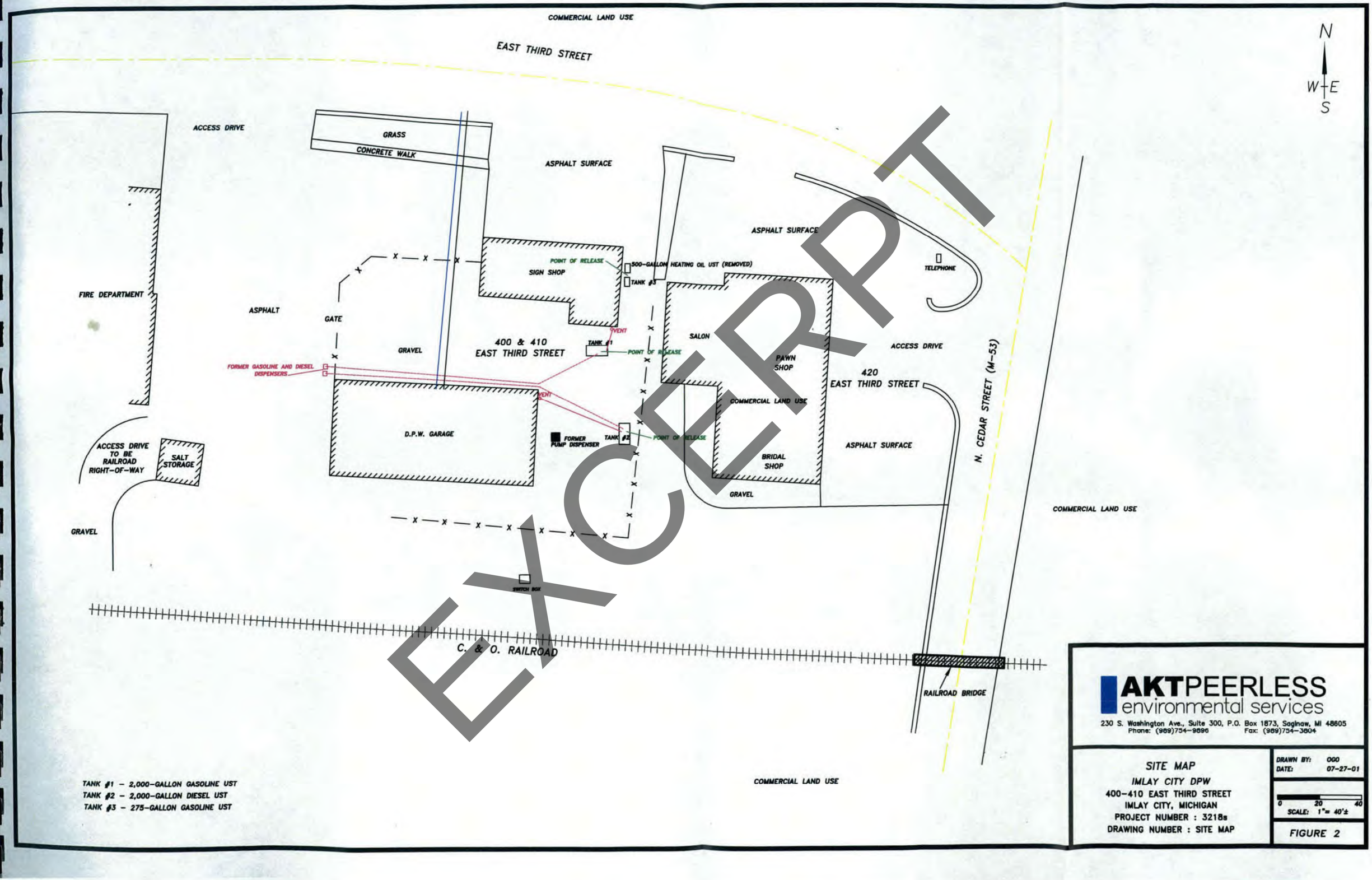
AKTPEERLESS environmental services

230 S. Washington Ave., Suite 300, P.O. Box 1873, Saginaw, MI 48605
Phone: (989)754-9896 Fax: (989)754-3804

TOPOGRAPHIC LOCATION MAP
IMLAY CITY DPW
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN
PROJECT NUMBER : 3218s
DRAWING NUMBER : TOPO

DRAWN BY: OGO
DATE: 07-27-01

FIGURE 1



TANK #1 – 2,000-GALLON GASOLINE UST
TANK #2 – 2,000-GALLON DIESEL UST
TANK #3 – 275-GALLON GASOLINE UST

EXCERPT

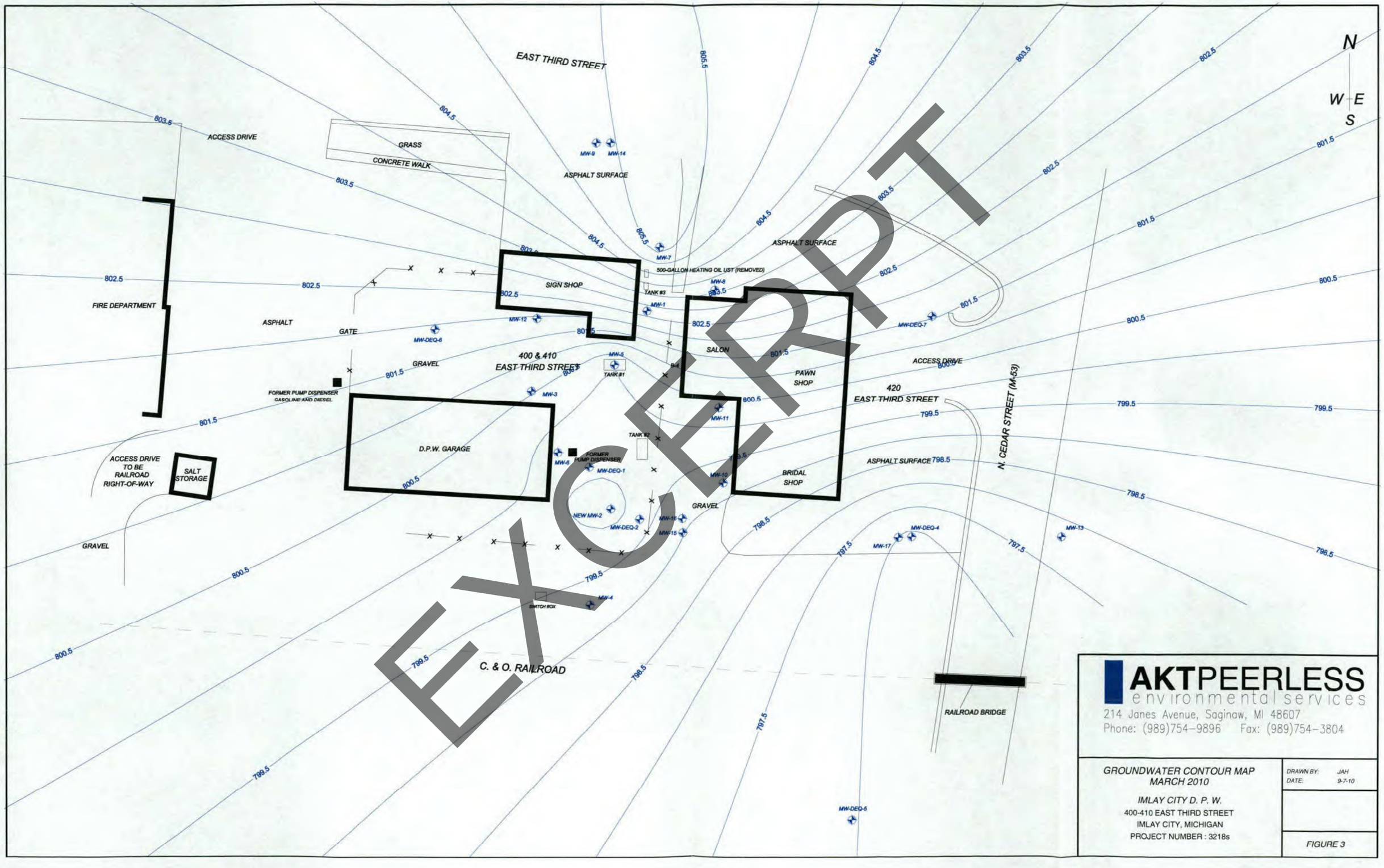
AKTPEERLESS
environmental services
230 S. Washington Ave., Suite 300, P.O. Box 1873, Saginaw, MI 48605
Phone: (989)754-9696 Fax: (989)754-3604

SITE MAP
IMLAY CITY DPW
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN
PROJECT NUMBER : 3218s
DRAWING NUMBER : SITE MAP

DRAWN BY: OGO
DATE: 07-27-01

0 20 40
SCALE: 1"= 40'±

FIGURE 2



EXCERPT

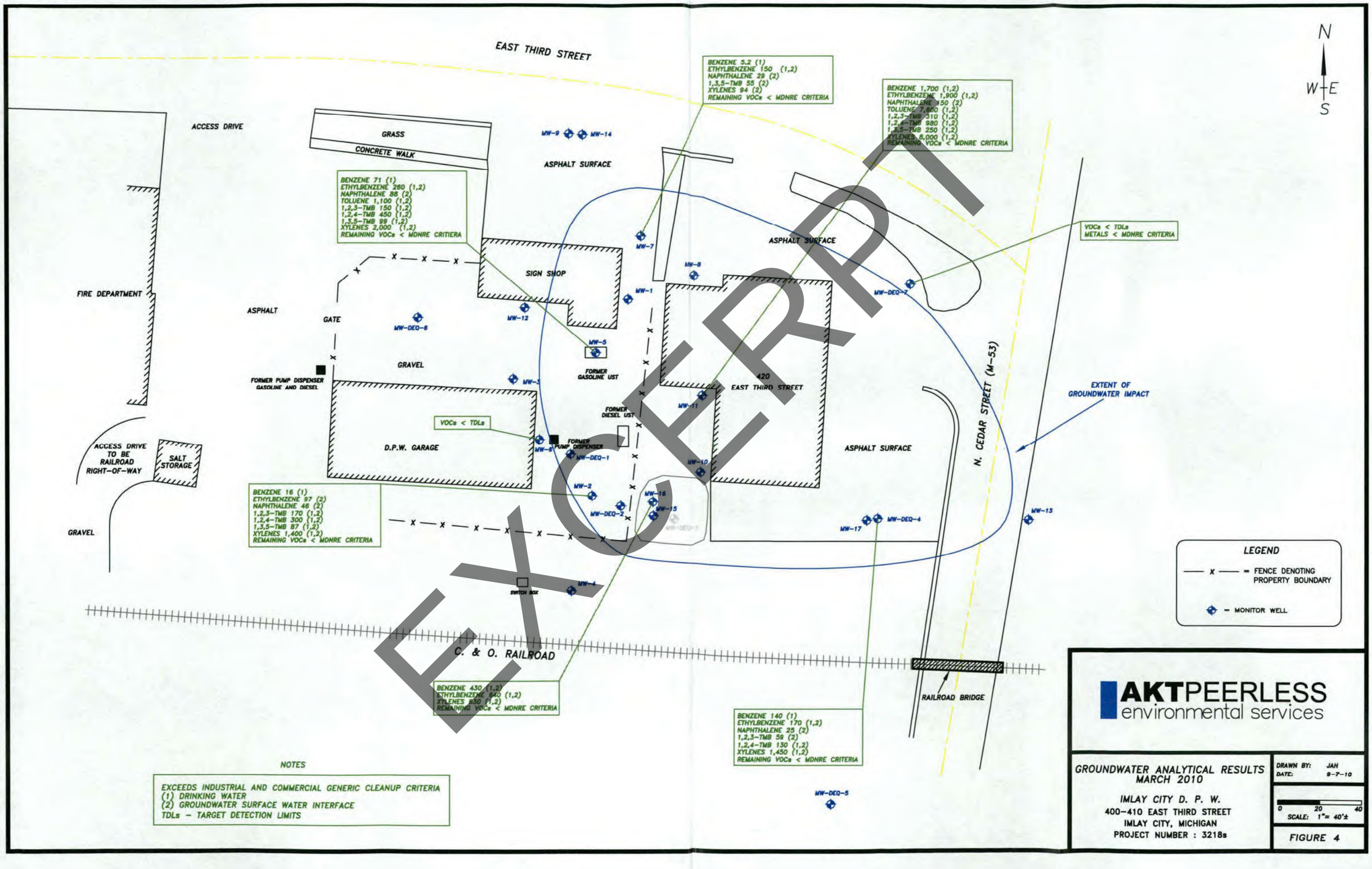
AKTPEERLESS
environmental services
214 Janes Avenue, Saginaw, MI 48607
Phone: (989)754-9896 Fax: (989)754-3804

GROUNDWATER CONTOUR MAP
MARCH 2010

IMLAY CITY D. P. W.
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN
PROJECT NUMBER : 3218s

DRAWN BY: JAH
DATE: 9-7-10

FIGURE 3


EAST THIRD STREET
ACCESS DRIVE
GRASS
CONCRETE WALK
MW-9
MW-14
ASPHALT SURFACE
BENZENE 71 (1)
ETHYLBENZENE 260 (1,2)
NAPHTHALENE 88 (2)
TOLUENE 1,100 (1,2)
1,2,3-TMB 150 (1,2)
1,2,4-TMB 450 (1,2)
1,3,5-TMB 99 (1,2)
XYLENES 2,000 (1,2)
REMAINING VOCs < MDNRE CRITIERA
BENZENE 5.2 (1)
ETHYLBENZENE 150 (1,2)
NAPHTHALENE 29 (2)
1,3,5-TMB 55 (2)
XYLENES 94 (2)
REMAINING VOCs < MDNRE CRITERIA
BENZENE 1,700 (1,2)
ETHYLBENZENE 1,900 (1,2)
NAPHTHALENE 450 (2)
TOLUENE 7,600 (1,2)
1,2,3-TMB 310 (1,2)
1,2,4-TMB 980 (1,2)
1,3,5-TMB 250 (1,2)
XYLENES 8,000 (1,2)
REMAINING VOCs < MDNRE CRITERIA
VOCs < TDLs
METALS < MDNRE CRITERIA
FIRE DEPARTMENT
ASPHALT
GATE
SIGN SHOP
MW-7
MW-8
MW-1
MW-12
MW-DEQ-8
MW-5
MW-DEQ-7
ASPHALT SURFACE
GRAVEL
FORMER PUMP DISPENSER GASOLINE AND DIESEL
FORMER GASOLINE UST
MW-3
420 EAST THIRD STREET
MW-11
FORMER DIESEL UST
N. CEDAR STREET (M-53)
EXTENT OF GROUNDWATER IMPACT
VOCs < TDLs
MW-6
FORMER PUMP DISPENSER
MW-DEQ-1
MW-10
D.P.W. GARAGE
ASPHALT SURFACE
ACCESS DRIVE TO BE RAILROAD RIGHT-OF-WAY
SALT STORAGE
MW-2
MW-16
MW-15
MW-DEQ-2
MW-DEQ-3
MW-17
MW-DEQ-4
MW-13
BENZENE 16 (1)
ETHYLBENZENE 97 (2)
NAPHTHALENE 46 (2)
1,2,3-TMB 170 (1,2)
1,2,4-TMB 300 (1,2)
1,3,5-TMB 87 (1,2)
XYLENES 1,400 (1,2)
REMAINING VOCs < MDNRE CRITERIA
GRAVEL
SWITCH BOX
MW-4
C. & O. RAILROAD
RAILROAD BRIDGE
BENZENE 430 (1,2)
ETHYLBENZENE 940 (1,2)
XYLENES 830 (1,2)
REMAINING VOCs < MDNRE CRITERIA
BENZENE 140 (1)
ETHYLBENZENE 170 (1,2)
NAPHTHALENE 25 (2)
1,2,3-TMB 59 (2)
1,2,4-TMB 130 (1,2)
XYLENES 1,450 (1,2)
REMAINING VOCs < MDNRE CRITERIA
MW-DEQ-5
N
W
E
S
LEGEND
— x — = FENCE DENOTING PROPERTY BOUNDARY
= MONITOR WELL
NOTES
EXCEEDS INDUSTRIAL AND COMMERCIAL GENERIC CLEANUP CRITERIA
(1) DRINKING WATER
(2) GROUNDWATER SURFACE WATER INTERFACE
TDLs – TARGET DETECTION LIMITS
AKTPEERLESS environmental services
GROUNDWATER ANALYTICAL RESULTS MARCH 2010
IMLAY CITY D. P. W.
400-410 EAST THIRD STREET
IMLAY CITY, MICHIGAN
PROJECT NUMBER : 3218s
DRAWN BY: JAH
DATE: 9-7-10
0 20 40
SCALE: 1"= 40'±
FIGURE 4

EXCERPT

EXCERPT

Table 1
Groundwater Elevation Data
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

Monitoring Well Location	Ground Surface Elevation	Top of Casing Elevation	Well Screen Interval	Total Well Depth	Depth to Groundwater	Depth to Free Product	Free Product Thickness	Groundwater Elevation
	(Feet, MSL[1])	(Feet, MSL)	(Feet, BGS[2])	(Feet, TOC[3])	(Feet, TOC)	(Feet, TOC)	(Feet)	(Feet, MSL)
MW-1	812.85	812.44	10.0-15.0	14.60	NM	N/A	N/A	-
MW-2	817.13	816.94	13.0-23.0	22.10	16.50	N/A	N/A	800.25
MW-3	817.17	816.71	14.0-19.0	18.85	NM	N/A	N/A	-
MW-4	823.37	823.09	20.0-25.0	24.65	dry	N/A	N/A	-
MW-5	815.84	815.58	9.0-19.0	18.97	15.32	N/A	N/A	800.00
MW-6	817.69	817.18	14.5-19.5	19.50	16.85	N/A	N/A	799.82
MW-7	810.09	809.58	4.0-9.0	9.00	3.28	N/A	N/A	805.79
MW-9	809.57	808.98	5.0-10.0	10.00	NM	N/A	N/A	-
MW-10	807.21	806.77	6.0-11.0	12.50	NM	N/A	N/A	-
MW-11	807.77	807.28	6.0-11.0	12.50	7.70	N/A	N/A	799.09
MW-13	NM	NM	3.0-8.0	NM	5.92	N/A	N/A	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] MSL = United States Geological Survey Mean Sea Level
[2] BGS = Below Ground Surface
[3] TOC = Top of Casing
NM = Not Measured
N/A = Not Applicable, No Free Product Encountered
Static Groundwater Levels Measured in March 2018

EXCERPT

AKTPEERLESS
environmental & energy services

Table 2
Summary of Groundwater Analytical Results
Imlay City Department of Public Works
400 - 420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 32188

Parameters* (refer to attached laboratory report for method reference data)	Chemical Abstract Service Number	Industrial and Commercial II (III and IV) Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Protection Criteria and RBSLs	Residential and Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Residential and Commercial II (III and IV) Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Groundwater Cleanup Criteria and RBSLs	Water Solubility	Flammability and Explosivity Screening Level	Acute Inhalation Screening Level	Sample Location	MW-6	MW-2	MW-5	MW-7	MW-DUP-7	MW-DUP-4	MW-10	MW-11
										Collection Date	3/24/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010
										Depth								
Volatiles																		
Acetone (I)	67-64-1	2,100	1,700	1.0E+9 (D,S)	1.0E+9 (D,S)	3.1E+7	1.0E+9	1.5E+7	1.0E+9 (D)		<50	<50	<50	<50	<50	<50	<50	<50
Acrylonitrile (I)	107-13-1	51	4.9 (X)	44,000	1.9E+5	14,000	7.2E+7	6.4E+6	ID		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene (I)	71-43-2	5	32	5,800	35,000	11,000	1.75E+6	68,000	67,000		<1.0				<1.0			
Bromobenzene (I)	108-86-1	59	NA	1.8E+5	3.9E+5	12,000	4.13E+5	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	74-97-5										<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	75-27-4	80 (A,W)	ID	4,800	37,000	14,000	6.74E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	75-25-2	80 (A,W)	ID	4.7E+5	3.1E+6 (S)	1.4E+5	3.10E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	74-83-9	29	35	4,000	9,000	70,000	1.45E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone (MBK) (I)	591-78-6	38 (X)	2,200	2.4E+5 (S)	2.4E+5 (S)	2.4E+5 (S)	1.70E+5	ID	ID		<25	32	29	<25	<25	<25	<25	<25
n-Butylbenzene	104-51-8	240	ID	ID	ID	5,900	NA	ID	ID		<1.0	12	11	9.2	<1.0	4.8	<1.0	<1.0
sec-Butylbenzene	135-98-8	240	ID	ID	ID	4,400	NA	ID	ID		<1.0	3.9	5.6	3.1	<1.0	2.2	<1.0	4.3
tert-Butylbenzene (I)	98-06-6	240	ID	ID	ID	8,800	NA	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon disulfide (I,R)	75-15-0	2,300	ID	2.5E+5	5.5E+5	1.2E+6 (S)	1.19E+6	13,000	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	5.0 (A)	45 (X)	370	2,400	4,600	7.93E+5	ID	96,000		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene (I)	108-90-7	100 (A)	67	2.1E+5	4.7E+5 (S)	86,000	4.72E+5	1.8E+5	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	75-00-3	1,700	ID	3.7E+6 (S)	5.7E+6 (S)	4.4E+5	5.74E+6	1.1E+5	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	80 (A,W)	170 (X)	28,000	1.2E+5	1.8E+6	7.92E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (I)	74-87-3	1,100	ID	8,600	49,000	4,800	5.30E+6	36,000	3.2E+6		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
o-Chlorotoluene (I)	95-49-8	420	ID	2.2E+5	5.7E+5 (S)	86,000	3.7E+5	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Chlorotoluene (I)	106-43-4	420 (X)	ID	14,000	1.1E+6	10,000	2.68E+6	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	124-48-1	80 (A,W)	ID	3,600	26,000	10,000	2.70E+6	1.2E+6	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	74-95-3										<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene (I)	95-50-1	600 (A)	1,000	1.8E+5	1.2E+6 (S)	1.2E+6 (S)	1.49E+6	40,000	1.7E+5 (S)		<1.0							
1,3-Dichlorobenzene	541-73-1	600	0.2 (X)	2,400	15,000	25	4.20E+6	ID	ID		<1.0	<1.0						
1,4-Dichlorobenzene	106-46-7	75 (A)	NA	4.2E+5	8.7E+6	5.2E+6	1.69E+7	NA	ID		<50	<50						
Dichlorodifluoromethane	75-71-8		ID	56,000 (S)	56,000 (S)	56,000 (S)	56,000	23,000	ID		<5.0	5.8						
Dichlorofluoromethane	75-43-4										<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	5,200	ID	2.0E+7 (S)	2.0E+7 (S)	1.3E+7	2.00E+7	ID	2.0E+7 (S)		<50	<50	35	<50	<50	<50	<50	<50
Methylene chloride	75-09-2	5.0 (A)	940 (X)	2.2E+5	1.4E+6	2.2E+5	1.70E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

EXPIRED

AKT Peerless Environmental Services
Project No.:
Revision No.:
Last Revised:

AKTPEERLESS
environmental & energy services

Table 2
Summary of Groundwater Analytical Results
Imlay City Department of Public Works
400 - 420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 2218s

Parameters* *(Refer to detailed laboratory report for method reference data)	Chemical Abstract Service Number	Industrial and Commercial II III and IV Drinking Water Criteria and RBSLs	Groundwater Surface Water Interface Protection Criteria and RBSLs	Residential and Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Commercial II III and IV Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Groundwater Contact Criteria and RBSLs	Water Solubility	Flammability and Explosivity Screening Level	Acute Inhalation Screening Level	Sample Location	MW-6	MW-2	MW-5	MW-7	MW-DEQ-7	MW-DEQ-4	MW-16	MW-11
										Collection Date	3/25/2010	3/26/2010	3/26/2010	3/26/2010	3/25/2010	3/24/2010	3/24/2010	3/26/2010
										Depth								
2-Methylnaphthalene	91-57-6	750	ID	ID	ID	25,000 (S)	24,600	ID	ID		<5.0	37	35	<5.0	<5.0	7.4	<5.0	<5.0
Methyl-tert-butyl ether (MTBE)	1634-04-4	40 (E)	730 (X)	4.7E+7 (S)	4.7E+7 (S)	6.1E+5	4.68E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	91-20-3	1,500		31,000 (S)	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)		<5.0	39	42	20	<5.0	58	7.9	530
n-Propylbenzene (I)	103-65-1	230	ID	ID	ID	15,000	NA	ID	ID		<1.0	15	51	28	<1.0	18	2.5	160
Styrene	100-42-5	100 (A)	80	1.7E+5	3.1E+5 (S)	9,700	3.10E+5	1.4E+5	3.1E+5 (S)		<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	6.9
1,1,1,2-Tetrachloroethane	630-20-6	220	ID (V)	15,000	96,000	30,000	1.1E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	35	78 (X)	12,000	77,000	4,700	2.97E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene	127-18-4	5.0 (A)	45 (X)	23,000	1.7E+5	12,000	2.0E+5	ID	2.3E+5 (S)		<1.0	<1.0	<1.0	4.7	<1.0	<1.0	<1.0	<1.0
Toluene (I)	108-88-3	[redacted]	[redacted]	5.3E+5 (S)	5.3E+5 (S)	5.3E+5 (S)	5.26E+5	61,000	[redacted]		<1.0	130	[redacted]	1.2	<1.0	17	140	[redacted]
1,2,4-Trichlorobenzene	120-82-1	70 (A)	30	3.0E+5 (S)	3.0E+5 (S)	19,000	3.00E+5	NA	[redacted]		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	71-55-6	200 (A)	200	5.6E+5	1.3E+6 (S)	1.3E+6 (S)	1.33E+6	ID	1.3E+6 (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	5.0 (A)	350 (X)	17,000	1.1E+5	21,000	4.42E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene	79-01-6	5.0 (A)	300 (X)	15,000	91,000	22,000	1.10E+6	ID	ID (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1,3,5-Trimethylbenzene (I)	108-67-8	[redacted]		61,000 (S)	61,000 (S)	61,000 (S)	61,150	ID	ID		<1.0	[redacted]		4.9	<1.0	14	<1.0	[redacted]
Vinyl chloride	75-01-4	2.0 (A)	15	1,100	13,000	1,000	2.76E+6	33,000	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (I)	1330-20-7	[redacted]		1.9E+5 (S)	1.9E+5 (S)	1.9E+5 (S)	1.86E+5	70,000	1.9E+5 (S)		<3.0	[redacted]			<3.0	[redacted]		

EXCERPT

Table 3

Summary of Historical Groundwater Analytical Results

Imlay City Department of Public Works

400-420 East Third Street

Imlay City, Michigan

AKT Peerless Project No. 3218s

Sample Identification Number		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92	60	NA
Sample Depth/Screen Interval (Feet, bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.0	10.0-15.0	13.0-23.0
Sample Collection Date		3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/8/2006	1/5/2005	7/20/2000
Volatile Organic Compounds (VOCs)	CAS#																			
Extraction Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1/3/2005	NA
Analysis Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/16/2006	1/13/2005	NA
Analytical Method		8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260	5030B/8260B	8260/624
Acetone (1)	67641																			
Benzene (1)	71432	1.6	[illegible]	<1.0	<1.0	<1.0	<1.0	<1.0	[illegible]	<1.0	<1.0	<1.0	538	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	[illegible]
Bromobenzene (1)	108861																			
Bromochloromethane	NA																			
Bromodichloromethane	75274																			
Bromoform	75252																			
Bromomethane	74839																			
2-Butanone (MEK) (1)	78933																			
n-Butylbenzene	104518																			
sec-Butylbenzene	135988																			
tert-Butylbenzene (1)	98066																			
Carbon Disulfide (LR)	75150																			
Carbon Tetrachloride	56235																			
Chlorobenzene (1)	108907																			
Chloroethane	75003																			
Chloroform	67663																			
Chloromethane (1)	74873																			
2-Chlorotoluene	NA																			
Dibromochloromethane	124481																			
1,2-Dibromo-3-Chloropropane	NA																			
Dibromomethane	74953																			
1,2-Dichlorobenzene	95501																			
1,3-Dichlorobenzene	541731																			
1,4-Dichlorobenzene	106467																			
Dichlorodifluoromethane	75718																			
1,1-Dichloroethane	75343																			
1,2-Dichloroethane (1)	107062	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<300	<1.0	<1.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
trans-1,2-Dichloroethene	NA																			
Ethylbenzene (2)	100414	1.5	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	98	110	1.6	24	3,700	1,400	560	2,500
Ethylene Dibromide	106934	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<300	<1.0	<1.0
2-Hexanone	591786																			
Isobutanol/Diesel	NA																			
Isopropylbenzene	98828																			
4-Methyl-2-Pentanone (1)	108101																			
Methylene Chloride	75092																			
2-Methylnaphthalene	91576	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<300			250

EXCERPT

Sample Identification Number		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-92	60	NA
Sample Depth/Screen Interval (Feet/bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.0	10.0-15.0	13.0
Sample Collection Date		3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/8/2006	1/13/2005	1/13/2005
Volatile Organic Compounds (VOCs)																			
MTBE	1634044	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.2	<5.0	<500	<1,000	<5.0	<5.0
Naphthalene	91203	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.5	<5.0	<5.0	**680**	-	-	**530**
N-Propylbenzene (1)	103651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	630206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	127184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene (B)	108883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120821	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.1	24	1.9	<1.0	2,200	2,200	2,200	2,200
1,3,5-Trimethylbenzene	108678	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.1	8.1	<1.0	<1.0	400	700	400	700
Vinyl Chloride	75014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (1)	1330207	<1.0	4.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	36	87	5.8	61	30,000	12,100	3,100	12,100
Total VOCs		5	108	0	0	0	0	0	0	0	0	0	512	929	13,717	5,685	70,300	38,900	6,659	54,430

Metals	CAS#																		
Extraction Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/13/2006	1/13/2005	NA
Analysis Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/16/2006	1/13/2005	NA
Analytical Method		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3015A	3005A/6020	NA
Aluminum (B,H)	7429905																			
Antimony (B,H)	1668331																			
Cobalt	7440484																			
Copper (B)	7440508																			
Iron (B)	7439896																			
Lead (Total)	7439921	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	18	<3.0	<3.0
Mercury (B,Z)	Varies																			
Molybdenum (B)	7439987																			
Nickel (B)	7440020																			
Selenium (B)	7782492																			
Silver (B)	7440224																			
Thallium (B)	7440280																			
Tin (B)	7440315																			
Zinc (B)	7440666																			

All results reported in ug/L

FD - Field Duplicate

TB - Trip Blank

"-" indicates parameter not tested

Bold indicates concentration which exceeds MDEQ criteria

EXCERPT

Table 3
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218a

		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4 (WS-2)	MW-4	MW-4	MW-4
Sample Date		1/13/2005	8/8/2006	12/19/2006	3/27/2007	9/5/2007	3/26/2010	NA	11/11/2001	1/13/2005	8/8/2006	12/19/2006	3/27/2007	9/5/2007	NA	11/11/2001	11/13/2003	6/11/2004
Analytical Method		5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/24	8260	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260	8260	8260
Acetone (1)	67641		<50	<50	<50	<50	<50					<50	<50	<50	<50			
Acrylonitrile (1)	107131		<2.0	<2.0	<2	<2.0	<2.0					<2.0	<2.0	<2.0	<2.0			
Benzene (1)	71432	1.7	4.6	15	36	78	16	2.5	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene (1)	108861		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Bromochloromethane	NA		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Bromodichloromethane	75274		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Bromoform	75252		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Bromomethane	74839		<3.0	<3.0	<30	<30	<3.0					<3.0	<30	<3.0	<3.0			
2-Butanone (MEK) (1)	78933		<10	<10	<100	<100	<10					<10	<100	<10	<10			
n-Butylbenzene	104518		<1.0	<1.0	<10	<10	1.6					<1.0	<10	<1.0	<1.0			
sec-Butylbenzene	135988		<1.0	<1.0	<10	<10	3.0					<1.0	<10	<1.0	<1.0			
tert-Butylbenzene (1)	98066		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Carbon disulfide (1)	75150		<10	<10	<100	<100	<10					<10	<100	<10	<10			
Carbon tetrachloride (1)	56235		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Chlorobenzene (1)	108907		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Chloroethane	75003		<2.0	<2.0	<20	<20	<2.0					<2.0	<20	<2.0	<2.0			
Chloroform (1)	67663		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Chloromethane	74873		<3.0	<3.0	<30	<30	<3.0					<3.0	<30	<3.0	<3.0			
2-Chlorotoluene	95498		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
4-Chlorotoluene	106434		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Dibromochloromethane (1)	124481		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2-Dibromo-3-chloropropane	96128		<3.0	<3.0	<30	<30	<3.0					<3.0	<30	<3.0	<3.0			
1,2-Dibromoethane (EDB) (1)	106934		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Dibromomethane	74953		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2-Dichlorobenzene (1)	95501		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,3-Dichlorobenzene (1)	541731		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,4-Dichlorobenzene (1)	106467		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Dichlorodifluoromethane	75718		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1-Dichloroethane (1)	75343		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2-Dichloroethane (1)	107062		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1-Dichloroethene (1)	75354		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
cis-1,2-Dichloroethene (1)	156592		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
trans-1,2-Dichloroethene (1)	156605		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2-Dichloropropane (1)	78875		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,3-Dichloropropane	142289		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
2,2-Dichloropropane	594207		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1-Dichloropropene	563586		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
cis-1,3-Dichloropropene (1)	10061015		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
trans-1,3-Dichloropropene (1)	10061026		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Ethylbenzene (1)	100414		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Hexachlorobutadiene	87683		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
2-Hexanone	591786		<10	<10	<100	<100	<10					<10	<100	<10	<10			
Isopropylbenzene	98828		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
4-Isopropyltoluene	99876		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Methylene chloride (1)	75092		<3.0	<3.0	<30	<30	<3.0					<3.0	<30	<3.0	<3.0			
4-Methyl-2-pentanone (MIBK) (1)	108101		<10	<10	<100	<100	<10					<10	<100	<10	<10			
Methyl-t-butyl ether (MTBE) (1)	1634044		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Naphthalene (1)	91203		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
n-Propylbenzene	103651		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Styrene (1)	100425		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1,1,2-Tetrachloroethane (1)	630206		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1,2,2-Tetrachloroethane (1)	79345		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Tetrachloroethene (1)	127184		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Toluene (1)	108883		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2,3-Trichlorobenzene	87616		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2,4-Trichlorobenzene (1)	120821		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1,1-Trichloroethane (1)	71556		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,1,2-Trichloroethane (1)	79005		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Trichloroethene (1)	79016		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Trichlorofluoromethane	75694		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2,3-Trichloropropane	96184		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,2,4-Trimethylbenzene	95636		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
1,3,5-Trimethylbenzene	108678		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Vinyl acetate	108054		<10	<10	<100	<100	<10					<10	<100	<10	<10			
Vinyl chloride (1)	75014		<1.0	<1.0	<10	<10	<1.0					<1.0	<10	<1.0	<1.0			
Xylenes, Total (1)	1330207		<3.0	<3.0	<30	<30	<3.0					<3.0	<30	<3.0	<3.0			

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Table 3
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 32188

		MW-4	MW-4	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7
Extraction Date		12/4/2004	1/13/2005	8/9/2006	12/18/2006	3/21/2007	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	1/13/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	11/11/2001	1/13/2005
Analysis Date		12/4/2004	1/13/2005	8/21/2006	12/21/2006	3/29/2007	8/18/2006	12/22/2006	3/27/2007	9/11/2007	3/31/2010	1/13/2005	8/21/2006	12/22/2006	3/27/2007	9/11/2007	3/31/2010	11/11/2001	1/13/2005
Analytical Method		8260	5030B/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260	5030B/8260B
Acetone (1)	67641	-	-	<50	<50	<50	220	<500	<50	<50	<50		<50	<50	<50	<50	<50		
1,3-Dichlorobenzene	541731	-	-	<1.0	<1.0	1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,4-Dichlorobenzene	106467	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dichlorodifluoromethane	75718	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
1,1-Dichloroethane	75343	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloroethane (1)	107062	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.5	<1.0
1,1-Dichloroethene (1)	75354	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Cis-1,2-Dichloroethene	156592	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trans-1,2-Dichloroethene	156605	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloropropane (1)	78875	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	1.5	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Cis-1,3-Dichloropropene	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trans-1,3-Dichloropropene	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Ethylbenzene (1)	100414	<1.0	<1.0	<1.0	<1.0	<1.0	1,040	300	400	570	260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Ethylene Dibromide	106934	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591786	-	-	<50	<50	<50	<50	<500	<50	<50	<50	-	<50	<50	<50	<50	<50	<50	<50
Isopropylbenzene	98828	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	75092	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-Pentanone (1)	108101	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	91203	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	103651	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100425	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	630206	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79345	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

EXCERPT

Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
ART Peerless Project No. 3218s

		MW-4	MW-4	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7
[redacted]																			
[redacted]																			
[redacted]																			

Table 3
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

		MW-7	MW-7	MW-7	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10
Depth to Groundwater (feet)		10.45	7.28	7.44	-	-	31	45	32	67	105	-	-	-	-	-	-	-
Sample Depth/Screen Interval (Feet, bgs)		4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	11.0-16.0	11.0-16.0	11.0-16.0	11.0-16.0	5.0-10.0	3.5-8.5	3.5-8.5	5.0-10.0	10.0-15.0	10.0-15.0	5.0-11.0	6.0-11.0
Sample Collection Date		8/8/2006	12/18/2006	3/20/2007	9/5/2007	3/26/2010	11/6/2001	1/5/2006	11/6/2001	1/6/2005	8/8/2006	12/18/2006	3/20/2007	9/5/2007	11/6/2001	1/6/2005	8/8/2006	12/19/2006
Volatile Organic Compounds (VOCs) - (1)	CAS#																	
Acetone	67641	<20	<20	<20	<20	<20	-	-	-	-	<20	<20	<20	<20	-	-	<20	<20
Acrylonitrile (1)	107131	<2.0	<20	<20	<20	<2.0	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	<20	<2.0
Benzene (1)	71432	41	70	28	36	9.2	<1.0	68	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5,300	1,090	8,600	1,530
Bromobenzene (1)	108861	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromochloromethane	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromodichloromethane	75274	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromoform	75252	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromomethane	74839	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
2-Butanone (MEK) (1)	78933	25	<300	<300	<300	<25	-	-	-	-	<25	<30	<25	<30	-	-	<250	<30
N-Butylbenzene	104518	9.0	<10	<10	<10	3.7	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Sec-Butylbenzene	135988	6.5	<10	<10	<10	2.7	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Tert-Butylbenzene (1)	98066	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Carbon Disulfide (LR)	**75150**	**<5.0**	**<50**	**<50**	**<50**	**<5.0**	-	-	-	-	**<5.0**	**<5.0**	**<5.0**	**<5.0**	-	-	**<50**	**<5.0**
Carbon Tetrachloride	**56235**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
Chlorobenzene (1)	**108907**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
Chloroethane	**75003**	**<5.0**	**<50**	**<50**	**<50**	**<5.0**	-	-	-	-	**<5.0**	**<5.0**	**<5.0**	**<5.0**	-	-	**<50**	**<5.0**
Chloroform	**67663**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
Chloromethane (1)	74873	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
2-Chlorotoluene	NA	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
Dibromochloromethane	124481	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1,2-Dibromo-3-Chloropropane	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Dibromomethane	74953	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1,2-Dichlorobenzene	**95501**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
1,3-Dichlorobenzene	**541731**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
1,4-Dichlorobenzene	**106467**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
Dichlorodifluoromethane	**75718**	**<5.0**	**<50**	**<50**	**<50**	**<5.0**	-	-	-	-	**<5.0**	**<5.0**	**<5.0**	**<5.0**	-	-	**<50**	**<5.0**
1,1-Dichloroethane	**75343**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	-	-	-	-	**<1.0**	**<1.0**	**<1.0**	**<1.0**	-	-	**<10**	**<1.0**
1,2-Dichloroethane (1)	**107062**	**<1.0**	**<10**	**<10**	**<10**	**<1.0**	**5.6**	**4.3**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<10**	**<1.0**
1,1-Dichloroethene	75354	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
cis-1,2-Dichloroethene	156592	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
trans-1,2-Dichloroethene	156605	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
1,2-Dichloropropane	78875	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1,3-Dichloropropane	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0

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Summary of Historical Groundwater Analytical Results
Ionia City Department of Public Works
400-420 East Third Street
Ionia City, Michigan
AKT Peerless Project No. 3218a

	MW-7	MW-7	MW-7	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10

1,3-Dichlorobenzene	541731	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
1,4-Dichlorobenzene	106467	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
Dichlorodifluoromethane	75718	<500	<500	-	-	<5.0	<50	<500	<500	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1-Dichloroethane	75343	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichloroethane (1)	107062	<140	<140	<20*	<1.0	<1.0	<10	<100	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1-Dichloroethene (1)	75354	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,2-Dichloroethene	156592	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
Trans-1,2-Dichloroethene	156605 (1)	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichloropropane (1)	78875	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,3-Dichloropropene	10061	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	

EXCEL REPORT

MTBE	1634044	<300	<300	<100*	<5.0	<5.0	<50	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	91203	<300	<300	-	-	**240**	<50	<500	<500	150	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
N-Propylbenzene (1)	103651	<50	<50	-	-	110	100	100	100	160	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100425	<50	<50	-	-	<1.0	<10	<100	<100	6.9	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	630206	<50	<50			<1.0	<10	<100	<100	<1.0				<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79345	<50	<50			<1.0	<10	<100	<100	<1.0				<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	127184	<50	<50	-	-	1.1	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	108883	4.5 J	2.3 J	3,400	886	500	4,000	8,900	4,300	7,400	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	120821	<300	<300			<5.0	<50	<500	<500	<5.0				<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	71556	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	96184	<50	<50			<1.0	<10	<100	<100	<1.0				<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	95636	200	200			200	200	200	200	200				<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	108678	<50	<50	78	58	110	200	200	<100	220	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	75014	<50	<50	-	-	<1.0	<100	<100	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (1)	1330207	2,300	1,400	1,600	650	200	1,400	2,000	1,200	2,000	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Total VOCs		12,500	3,902	20,678	9,140	2,001	13,500	17,500	10,300	20,042	0	0	0	0	0	85	0	0

Metals	CAS#																	
Extraction Date		3/28/2007	9/12/2007	11/8/2001	1/17/2005	8/9/2006	12/26/2006	3/28/2007	9/12/2007		11/8/2001	1/17/2005	1/17/2005	8/10/2006	12/26/2006	3/28/2007	10/12/2007	8/10/2006
Analysis Date		3/28/2007	9/12/2007	11/8/2001	1/17/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007		11/8/2001	1/17/2005	1/17/2005	8/17/2006	12/26/2006	3/28/2007	10/12/2007	8/17/2006
Analytical Method		3050B/6020	3050B/6020	6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020		6020	3005A/6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	3005A/6020
Zinc (1)	7440224	<0.20	<0.20			<0.20	<0.20	<0.20	<0.20								<0.20	<0.20
Nickel (1)	7440020	<2.0	<2.0			<2.0	<2.0	<2.0	<2.0								<2.0	<2.0
Vanadium	7440622	<4.0	3			<4.0	<4.0	<4.0	4						5.0		<4.0	4.3
Zinc (1)	7440666	5.0	<5.0			<50	18	<5.0	<5.0						36	<5.0	11	70

All results reported in ug/L

FD - Field Duplicate

TB - Trip Blank

J - Indicates a parameter was detected

R-#E Indicates a data validation which exceeds MDEQ criteria

EXPORT

Table 3
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-426 East Third Street
Imlay City, Michigan
ARCT Project Project No. 3218a

		MW-14	MW-15	MW-16	MW-17	MW-18	MW-19 (Adjacent to former MW-18D-2)	MW-19 (Adjacent to former MW-18D-1)	MW-19 (Adjacent to former MW-18D-3)	MW-19 (Adjacent to former MW-18D-4)	MW-19 (Adjacent to former MW-18D-5)	MW-19 (Adjacent to former MW-18D-6)	MW-20	MW-21	MW-22	MW-23	MW-DEQ-1	MW-DEQ-2	MW-DEQ-3
Sample ID																			
Sample Date																			
Laboratory																			
Lab Method																			
Acetone (1)	67641	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	-	-	-
Benzene (1)	71432	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.360	1.960	3.3
Bromobenzene (1)	108861	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-
Bromochloromethane	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-
Bromodichloromethane	75274	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-
Bromoform																				
Bromomethane																				
Carbon Disulfide																				
Carbon Tetrachloride																				
Chlorobenzene																				
Chloroethane																				
Chloroform																				
Chloromethane (1)	74873	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
2-Chlorotoluene	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
Dibromochloromethane	124481	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1-2,Dibromo-3-Chloropropane	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Dibromomethane	74953	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1,2-Dichlorobenzene	95501	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1,3-Dichlorobenzene																			
1,4-Dichlorobenzene																			
Dichlorodifluoromethane																			
1,1-Dichloroethane																			
1,2-Dichloroethane																			
1,1-Dichloroethene																			
cis-1,2-Dichloroethene																			
trans-1,2-Dichloroethene																			
1,2-Dichloropropane																			
1,3-Dichloropropane																			
2,2-Dichloropropane																			
1,1-Dichloropropene																			
cis-1,3-Dichloropropene																			
trans-1,3-Dichloropropene																			
Ethylbenzene																			
Hexachlorobutadiene																			
Isopropylbenzene																			
p-Isopropyltoluene																			
Methylene Chloride																			
Naphthalene																			
n-Propylbenzene																			
Styrene																			
1,1,1,2-Tetrachloroethane																			
1,1,2,2-Tetrachloroethane																			
Tetrachloroethene																			
Toluene																			
1,2,3-Trichlorobenzene																			
1,2,4-Trichlorobenzene																			
1,1,1-Trichloroethane																			
1,1,2-Trichloroethane																			
Trichloroethene																			
Trichlorofluoromethane																			
1,2,3-Trichloropropane																			
1,2,4-Trimethylbenzene																			
1,3,5-Trimethylbenzene																			
Vinyl Chloride																			
m,p-Xylene																			
o-Xylene																			

EXPIRED

[redacted]

MTBE	1634044	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0
Naphthalene	91203	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	7.9	<5.0	<5.0	<5.0	<5.0	<500		
N-Propylbenzene [1]	103651	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	2.5	<1.0	<1.0	<1.0	<1.0			
Styrene	100425	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0			
[redacted]																		
[redacted]																		
[redacted]														

1,3-Dichlorobenzene	541731	-									<1.0	<10	<10	<10	<1.0				
1,4-Dichlorobenzene	106467	-									<1.0	<10	<10	<10	<1.0				
Dichlorodifluoromethane	75718	-									<5.0	<50	<50	<50	<5.0				
1,1-Dichloroethane	75343	-									<1.0	<10	<10	<10	<1.0				
1,2-Dichloroethene (T)	156605	-									<1.0	<10	<10	<10	<1.0				
1,1-Dichloroethene (T)	75354	-									<1.0	<10	<10	<10	<1.0				
Cis-1,2-Dichloroethene	156592	-									<1.0	<10	<10	<10	<1.0				
Trans-1,2-Dichloroethene	156605	-									<1.0	<10	<10	<10	<1.0				
1,2-Dichloropropane (T)	78875	-									<1.0	<10	<10	<10	<1.0				
Cis-1,3-Dichloropropene	NA	-									<1.0	<10	<10	<10	<1.0				
Trans-1,3-Dichloropropene	NA	-									<1.0								
Ethylbenzene (T)	100414	4,400	5,600	2,500	4,300	15	400	3,500	1,400	700	500	150	150	300	76	1.0	1.0	1.0	1.0
Freon 113 (T)	76131	-	<1.0	<100	<10	<10	<1.0	<10	<1.0	<1.0	<1.0	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0
Hexane	110543	-	-	-	-	-	-	-	-	-	<20	<20	<20	<20	<2.0	-	-	-	-
Isopropanol	NA	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Methyl Acetate	79209	-	-	-	-	-	-	-	-	-	<20	<20	<20	<20	<2.0	-	-	-	-
Methyl Cyclohexane	108872	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Methyl Tert-Butyl Ether	1634044	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Methylene Chloride	75092	-	-	-	-	-	-	-	-	-	<20	<20	<20	<20	<2.0	-	-	-	-
Naphthalene	91203	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
n-Butanol	71363	-	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<5.0	-	-	-	-
n-Hexane	110543	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
o-Xylene	95476	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Propylene	115071	-	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<5.0	-	-	-	-
Styrene	100425	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Tert-Butyl Alcohol	75650	-	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<5.0	-	-	-	-
Tetrachloroethene	127184	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Tetrahydrofuran	109999	-	-	-	-	-	-	-	-	-	<20	<20	<20	<20	<2.0	-	-	-	-
Toluene	108883	15,000	15,000	6,900	12,000	43	1,100	9,600	3,800	1,900	1,400	420	420	840	210	2.8	2.8	2.8	2.8
Trichloroethene	79016	-	<1.0	<100	<10	<10	<1.0	<10	<1.0	<1.0	<1.0	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane	75694	-	-	-	-	-	-	-	-	-	<20	<20	<20	<20	<2.0	-	-	-	-
Vinyl Acetate	108054	-	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<5.0	-	-	-	-
Vinyl Chloride	75014	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-
Xylenes (T)	1330207	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<1.0	-	-	-	-

EXCEED

Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

MTBE	1634044	<500*		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0		
Naphthalene	91203			190						200	<50	68	136	25	<5.0				
N-Propylbenzene (1)	103651									90	20	45	80	16					
Styrene	100425									<1.0	<10	<10	<10	<1.0					
[illegible]	630206									<1.0	<10	<10	<10	<1.0					
[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]	127184									[illegible]	[illegible]	[illegible]	[illegible]	<1.0					
[illegible]	108883	29,000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.9	<1.0	<1.0		
[illegible]	120821																		
[illegible]	95636																		
1,1,1-Trichloroethane	71556									<1.0	<10	<10	<10	<1.0					
Trichloroethene	79016									<1.0	<10	<10	<10	<1.0					
Trichlorofluoromethane	75694									<1.0	<10	<10	<10	<1.0					
1,2,3-Trichloropropane	96184									<1.0	<10	<10	<10	<1.0					
1,2,3-Trimethylbenzene	526-73-8													59					
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Metals	CAS#																		
Extraction Date		1/17/2005		NA	11/8/2001	11/14/2003	6/11/2004	12/3/2004	1/17/2005	8/17/2005	12/26/2006	3/28/2007	9/12/2007	-	NA	11/8/2001	1/17/2005		
Analysis Date		1/17/2005		NA	11/8/2001	11/14/2003	6/11/2004	12/3/2004	1/17/2005	8/17/2005	12/28/2006	3/28/2007	9/12/2007	-	NA	11/8/2001	1/17/2005		
Analytical Method		3005A/6020		NA	6020	6020	6020	6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	-	NA	6020	3005A/6020		
Antimony	7440360	-		-	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-		
Arsenic	7440382	-		-	-	-	-	-	-	70	36	[illegible]	28	-	-	-	-		
Barium (B)	7440393	-		-	-	-	-	-	-	<100	70	[illegible]	70	-	-	-	-		
Beryllium	7440417	-		-	-	-	-	-	-	<1.0	<1.0	[illegible]	<1.0	-	-	-	-		
Cadmium (B)	7440439	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<1.0	[illegible]	[illegible]	<1.0	[illegible]	[illegible]	[illegible]	[illegible]		
Chromium (T)	7440473	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<10	<10	<10	<10	[illegible]	[illegible]	[illegible]	[illegible]		
Lead	7439921	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<3.0	<3.0	<3.0	<3.0	[illegible]	[illegible]	[illegible]	[illegible]		
Nickel (T)	7440020	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<4.0	<4.0	<4.0	<4.0	[illegible]	[illegible]	[illegible]	[illegible]		
Selenium (B)	7782492	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<4.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
Thallium (B)	7440280	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
Vanadium	7440622	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
Zinc (B)	7440666	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
Silver (B)	7440224	-		-	-	-	-	-	-	<0.20	<0.20	<0.20	<0.20	-	-	-	-		
Thallium (B)	7440280	-		-	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-		
Vanadium	7440622	-		-	-	-	-	-	-	<4.0	5.0	<2.0	4.0	-	-	-	-		
Zinc (B)	7440666	-		-	-	-	-	-	-	<50	22	23	6	-	-	-	-		

All results reported in ug/L
FD - Field Duplicate
TB - Trip Blank
"-" indicates parameter not tested
Bold indicates concentration which exceeds MDEQ criteria

DRAFT

Collection Date		NA	11/19/2001	11/19/2001	NA	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001
Analysis Date		NA	11/19/2001	11/19/2001	NA	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001	11/19/2001
Analytical Method		8260B	8260	8260B/5035	8260B/5	8260	8260	8260	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260	8260
Acetone (1)	67641																			
Carbon disulfide (1)	75150																			
Benzene (1)	71432																			
Bromobenzene (1)	108861																			
Bromochloromethane	74975																			
Bromodichloromethane	75274																			
Bromoform	75252																			
Bromomethane	74839																			
n-Butylbenzene	104518																			
sec-Butylbenzene	135988																			
tert-Butylbenzene	98066																			
Carbon tetrachloride	56235																			
Chlorobenzene (1)	108907	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5
Chloroethane (1)	75003																			
Chloroform	67663																			
Chloromethane	74873																			
2-Chlorotoluene	95498																			
4-Chlorotoluene	106434																			
Dibromochloromethane	124481																			
1,2-Dibromo-3-chloropropane	96128																			
1,2-Dibromoethane (1)	106934																			
Dibromomethane	74953																			
1,2-Dichlorobenzene (1)	95501																			
1,3-Dichlorobenzene (1)	541731																			
1,4-Dichlorobenzene (1)	106467																			
Dichlorodifluoromethane	75718																			
1,1-Dichloroethane (1)	75343																			
1,2-Dichloroethane (1)	107062																			
1,1-Dichloroethene (1)	75354																			
cis-1,2-Dichloroethene (1)	156592																			
trans-1,2-Dichloroethene (1)	156605																			
1,2-Dichloropropane (1)	78875																			
1,3-Dichloropropane	142289																			
2,2-Dichloropropane	594207																			
1,1-Dichloropropene	563586																			
cis-1,3-Dichloropropene (1)	10061015																			
trans-1,3-Dichloropropene (1)	10061026																			
Ethylbenzene (1)	100414																			
Hexachlorobutadiene	87683																			
Isopropylbenzene	98828																			
p-Isopropyltoluene	99876																			
Methylene chloride (1)	75092																			
Naphthalene	91203																			
n-Propylbenzene	103651																			
Styrene (1)	100425																			
1,1,1,2-Tetrachloroethane	630206																			
1,1,2,2-Tetrachloroethane (1)	79345																			
Tetrachloroethene (1)	127184																			
Toluene (1)	108883																			
1,2,3-Trichlorobenzene	87616																			
1,2,4-Trichlorobenzene (1)	120821																			
1,1,1-Trichloroethane (1)	71556																			
1,1,2-Trichloroethane (1)	79005																			
Trichloroethene (1)	79016																			
Trichlorofluoromethane	75694																			
1,2,3-Trichloropropane	96184																			
1,2,4-Trimethylbenzene	95636																			
1,3,5-Trimethylbenzene	108678																			
Vinyl chloride (1)	75014																			
Xylenes, Total (1)	1330207																			

EXCEPT

Table 5
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

		MW-DEQ-6	MW-DEQ-6	MW-DEQ-6	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	TMW-1A	TMW-2A
Sample Identification Number		NA	26	78	85	33	48	56	77	113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sample Depth/Screen Interval (Feet, bgs)		16.5-21.5	16.5-21.5	16.5-21.5	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	[illegible]	[illegible]	19.0-24.0	19.0-24.0	[illegible]	[illegible]
Sample Collection Date		7/19/2000	11/5/2001	1/4/2005	7/19/2000	11/6/2001	11/4/2003	11/23/2004	1/5/2005	8/9/2006	[illegible]	[illegible]	5/6/2007	5/06/2008	10/3/2002	10/3/2002
Volatile Organic Compounds (VOCs)	CAS#															
[illegible]																
[illegible]																
[illegible]

August 1, 2022
ECT No. 220365-0100

Ms. Janet Michaluk
Michigan Department of Environment, Great Lakes, and Energy
525 West Allegan Street
Lansing, Michigan 48933

Mr. Samuel Moore
Lapeer Development Corporation
449 McCormick Drive
Lapeer, Michigan 48446

Re: Phase I Environmental Site Assessment
400 and 410 East Third Street
Imlay City, Michigan

Dear Ms. Michaluk and Mr. Moore:

Environmental Consulting & Technology, Inc. (ECT) is pleased to provide this Phase I Environmental Site Assessment (ESA) for the above-referenced property. This assessment was performed in accordance with the ASTM Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-13 and E1527-21). We appreciate the opportunity to work with you. Please feel free to contact us at 313.963.6600 should you have any questions concerning this report, or if we may assist you in any other matter.

Sincerely,

Environmental Consulting & Technology, Inc.

Maura Gibbons
Scientist

Dirk Mammen
Associate Vice President

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Phase I Environmental Site Assessment
400 and 410 East Third Street
Imlay City, Lapeer County, Michigan 48444

August 1, 2022
ECT No. 220365-0100

Prepared for:
Michigan Department of Environment, Great Lakes, and Energy

on Behalf of:
Lapeer Development Corporation
449 McCormick Drive
Lapeer, Michigan 48446

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1155 Brewery Park Boulevard
Detroit, Michigan 48207
313.963.6600

PROJECT SUMMARY TABLE

400 and 410 East Third Street
Imlay City, Lapeer County, Michigan

Report Section		None	REC	CREC	HREC	DMC	Comments
3.0	Subject Property and Vicinity Descriptions	✔					
4.0	User Provided Information		✔				REC #2: Known environmental impact from previous LUST incidents.
5.0	Historical Review		✔				REC #1: Historical automotive maintenance operations. REC #2: Known environmental impact from previous LUST incidents.
6.0	Regulatory Database Review		✔				REC #2: Known environmental impact from previous LUST incidents.
7.0	Regulatory Agency Records Review		✔				REC #2: Known environmental impact from previous LUST incidents.
9.0	Interviews	✔					
10.2	Underground Storage Tanks	✔					
10.3	Unidentified Substance Containers	✔					
10.4	Drains, Sumps, Clarifiers, or Pools of Liquid		✔				REC #1: Historical automotive maintenance operations.
10.5	Solid Waste Disposal, Fill Materials, or Debris	✔					
10.6	Wells		✔				REC #2: Known environmental impact from previous LUST incidents.
10.7	Other Field Observations	✔					

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Common Acronyms and Abbreviations

AST	Aboveground Storage Tank
AAI	All Appropriate Inquiry
AUL	Activity and Use Limitation
ACM	Asbestos-Containing Material
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
BER	Business Environmental Risk
CESQG	Conditionally Exempt Small Quantity Generator
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CREC	Controlled Recognized Environmental Condition
DMC	*De Minimis* Condition
ECHO	Enforcement and Compliance History Online
ECT	Environmental Consulting & Technology, Inc.
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FRS	Facility Registry Service
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LBP	Lead-Based Paint
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MTBE	Methyl tert-butyl ether
NREPA	Natural Resources Environmental Protection Act, 1994 PA, as amended
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
NPL	National Priority List
NPMS	National Pipeline Mapping System
NFA/NFR	No Further Action/Remediation
NOV	Notice of Violation
NRCS	Natural Resources Conservation Service
PPB	Parts per Billion
PPM	Parts per Million
PID	Photoionization Detector
PCE	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene, PERC
PIN	Parcel Identification Number
PCB	Polychlorinated Biphenyls
PAH	Polycyclic Aromatic Hydrocarbon
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SDS	Safety Data Sheet
SVOC	Semi-Volatile Organic Compound
SDG	Significant Data Gap
SQG	Small Quantity Generator
SEMS	Superfund Enterprise Management System
SWF/LF	Solid Waste Facilities/Landfill
TCE	Trichloroethylene, Trichloroethene
TMB	Trimethylbenzene
TPH	Total Petroleum Hydrocarbons
TSDF	Treatment, Storage or Disposal Facility
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VIAP	Volatilization to Indoor Air Pathway
VSQG	Very Small Quantity Generator
VOC	Volatile Organic Compound

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1.0 Executive Summary

Environmental Consulting & Technology, Inc. (ECT) was retained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) on behalf of Lapeer Development Corporation (the Client) to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-13) and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan. This report is also compliant with ASTM Standard Practice E1527-21. Any exceptions to, or deletions from, this practice are described in Section 1.2.2 and Section 2.5 of this report.

1.1 Property Description

The Subject Property currently consists of approximately 0.170 acres, developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is currently vacant except for some Imlay City Department of Public Works (DPW) implement storage, such as gardening supplies. A USGS Topographic Map is provided as **Figure 1** and a Subject Property Overview is provided as **Figure 2**.

1.2 Evaluation

1.2.1 Findings and Opinions

Based on the information revealed as part of this Phase I ESA, ECT has identified the following findings and offers the below opinions as part of this Phase I ESA:

- **REC #1: Historical automotive maintenance operations.** Based on a review of historical sources, such as fire insurance maps and city directories, the Subject Property was historically occupied by the Imlay City Water Works garage (approximately 1920s-1970s) and Jets Collision (1990s), which likely involved automotive maintenance operations. In addition, during the site reconnaissance, ECT observed a sloped trench connected to a floor drain within the former garage area, situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight sheen. Based on this observation and that the Subject Property was historically occupied by the Imlay City Water Works garage and Jets Collision, ECT believes the historical operations of automotive

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maintenance activities is considered a recognized environmental condition (REC) as the operations likely involved the use and storage of hazardous substances and/or petroleum products.

- **REC #2: Known environmental impact from previous LUST incidents.** Based on reviewing regulatory database listings and supporting historical investigation reports for the Subject Property and the south adjoining structure (part of parent parcel), three gasoline and/or diesel fuel underground storage tanks (USTs) have been removed from the premises between 1994 and 2002. Confirmed leaking underground storage tank (LUST) releases were reported following the removal of each UST, and currently, all LUST incidents remain open. Additionally, limited information was available for a former heating oil UST that was formerly situated along the eastern exterior edge of the structure. Various consultants have conducted historical activities as a result of the LUST incidents, including UST removals, soil excavation and disposal, soil and groundwater sampling, remediation system installation and operation, and vacuum enhanced recovery to remove product from monitoring wells. Specific to the boundary of the Subject Property, ECT evaluated analytical results from soil and groundwater samples post remedial activities. Based on the analytical results of the most recent sampling investigations (2011-2015), soil and groundwater at the Subject Property remains impacted with benzene, ethylbenzene, 2-methylnaphalene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, toluene, and xylenes with concentrations exceeding the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Part 213 drinking water and groundwater-surface water interface cleanup criteria. Additionally, the concentrations of several volatiles also exceed the residential and nonresidential volatilization to indoor air pathway (VIAP) screening levels. Refer to **Figure 3** and the appendices (**Data Tables**) for comparisons to the current EGLE Part 213 cleanup criteria and VIAP screening levels.

Based on the exceedance of the Part 213 cleanup criteria, the Subject Property is considered a "facility" as defined by the Natural Resources Environmental Protection Act, 1994 PA, as amended (NREPA).

Although considered a non-scope consideration, based on the age of the structure, suspect asbestos-containing materials, (i.e. floor tiles, wall/ceiling boards, dropped ceiling tiles) and chipping paint suspected as supporting lead were observed at the Subject Property.

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1.2.2 Data Failure and Data Gaps

According to ASTM E1527-13 and E1527-21, a data failure occurs when all the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13 and E1527-21, historical sources are required to identify the use of the property at five-year intervals back to first developed use or 1940, whichever is earlier. A data failure is a type of data gap (defined below).

A data gap is defined by ASTM E1527-13 and E1527-21 as a lack or inability to obtain information required by the 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 the practice, including, but not limited to the site reconnaissance and interviews.

The following data failures and/or data gaps have been identified as part of this assessment:

- The ASTM standard requires that all obvious uses of the property shall be identified from the present at five-year intervals, back to the property's first developed use, or back to 1940, whichever is earlier. There are occasional gaps in the five-year intervals of the historical sources provided to ECT; therefore, this represents a data failure. However, based on the amount of information able to be reviewed, ECT does not believe this represents a significant data gap to the conclusions of this report.

No other data failures or data gaps were identified in this Phase I ESA.

1.2.3 Conclusions

Mr. Dirk Mammen, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan. This report is also compliant with ASTM Standard Practice E1527-21. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1: Historical automotive maintenance operations.**
- **REC #2: Known environmental impact from previous LUST incidents.**

Based on the exceedance of the Part 213 cleanup criteria, the Subject Property is considered a "facility" as defined by NREPA

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1.2.4 Additional Investigation

In accordance with ASTM E1527-13 and E1527-21, the EP shall provide an opinion as to whether additional investigation to detect the presence of hazardous substances or petroleum products is warranted. This opinion does not render the assessment incomplete, nor is it intended to represent a recommendation.

The majority of historical sampling investigations reviewed by ECT have been conducted for the south and east adjoining properties. Limited historical analytical data exists for the Subject Property, and a lack of current analytical data (post 2015) is available. Furthermore, no sub-slab soil gas sampling has been conducted at the Subject Property to date. **Based on the findings of this assessment, it is the opinion of the EP that additional investigation is warranted for the Subject Property.**

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2.0 Purpose and Scope of Work

This report documents the methods and findings of the Phase I ESA performed in conformance with the scope and limitations of ASTM Standard Practice E1527-13, E1527-21, and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR 312) for the property located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan.

2.1 Scope of Work

The purpose of ASTM Practice E1527-13 and E1527-21 is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of commercial and real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601) and petroleum products. Any exceptions to, or deletions from, this practice are described in Section 1.2.2 and Section 2.5 of this report.

The Phase I ESA conducted by ECT included, but was not limited to, the following services:

- A site visit of the Subject Property to look for evidence of a release(s) or potential release of petroleum products and hazardous materials;
- Observations of adjacent properties and the vicinity of the Subject Property;
- Interviews with individuals familiar with the Subject Property, as available;
- Review of regulatory agency and local files, as necessary;
- Review of historical documents, as available; and
- Preparation of a report presenting ECT's findings, including a summary of conclusions and recommendations, if requested.

The objective of Phase I ESAs is to provide all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B) 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 on CERCLA liability (a.k.a., landowner liability protections). The goal of Phase I ESAs is to identify current, historical, and controlled RECs and *de minimis* conditions in connection with the property, to the extent feasible pursuant to the processes prescribed in the ASTM E1527-13 and E1527-21 guidelines. The terms current, historical, and controlled RECs and *de minimis* conditions are defined by ASTM in the following paragraphs.

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A REC is the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

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

A historical REC is a past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls.

A *de minimis* condition is a condition 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. Conditions determined to be *de minimis* conditions are not current, historical, or controlled RECs.

2.2 Continued Viability of Phase I ESA

According to ASTM Practices E1527-13 and E1527-21, a Phase I ESA meeting or exceeding the standard and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a User different than the User for whom the assessment was originally prepared, the subsequent User must also satisfy the User's Responsibilities outlined in Section 6 of ASTM Standard Practices E1527-13 and E1527-21.

A Phase I ESA meeting or exceeding ASTM E1527-13 and ASTM E1527-21 requirements and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the below detailed components of the inquires were conducted or updated

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within 180 days of the date of purchase, or the date of the intended transaction. The initial collection or inquiry dates for each required component as applicable to this report have been detailed in the table below.

REPORT COMPONENT	INITIAL DATE OF COLLECTION OR INQUIRY
(i) Interviews with Owners, Operators, and Occupants	**June 17, 2022**
(ii) Searches for Recorded Environmental Liens	**Not provided**
(iii) Reviews of Federal, Tribal, State, and Local Government Records	**May 2022**
(iv) Visual Inspection of the Property and of Adjoining Properties	**June 17, 2022**
(v) Declaration by the EP responsible for the assessment or update	**August 1, 2022**

2.3 Significant Assumptions

ECT assumes that the information provided by the regulatory database electronic search report provider, the regulatory agencies, the local unit of government, and the current Subject Property owner(s) is true and reliable.

2.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ECT and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon any information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of determining the potential for contamination through limited research and investigative activities

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and in no way represents a conclusive or complete site characterization. Conditions in other parts of the Subject Property may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in ESA conclusions cannot reasonably be achieved.

ECT, therefore, does not provide any guarantees, certifications, or warranties that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

2.5 Limiting Conditions and Deviations

The performance of this Phase I ESA was limited by the following:

- There was no interior access to the subgrade crawl space area, which is situated along the northern wall of the western portion of the structure. Due to this limitation, the extent and size of the crawl space is unknown. However, ECT visually inspected the crawl space from the opening on the first floor, and during the site reconnaissance, ECT did not observe any standing liquid or noxious odors within the crawl space.

Based on the nature of this limitation, it is the opinion of the EP that this limitation does not impact ECT's ability to identify RECs.

2.6 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls (PCBs), lead-based paint, or the assessment of natural hazards such as naturally occurring asbestos, radon, or methane gas, assessment of the potential presence of radionuclides, or assessment of non-chemical hazards such as the potential for damage from earthquakes or floods. This Phase I ESA also did not include an extensive assessment of the environmental compliance status of the Subject Property or of the businesses that have operated on-site, or a health-based risk assessment.

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2.7 User Reliance

This Phase I ESA was conducted for the use of and reliance by EGLE and Lapeer Development Corporation and their assignees and may be relied upon by these parties only. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

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3.0 Subject Property and Vicinity Descriptions

3.1 Subject Property Characteristics

A USGS Topographic Map is provided as **Figure 1** and a Subject Property Overview is provided as **Figure 2**. A land survey and a copy of available property assessment records for the parent parcel are included in the appendices (**Property Records**); it should be noted that the Subject Property is notated as "Parcel B4" on the land survey.

A summary of the Subject Property is included in the table below.

SUBJECT PROPERTY DETAILS	
Location	400 and 410 East Third Street, Imlay City, Lapeer County, Michigan 48444
Historical Address(es)	398 East Third Street Source: Fire Insurance Maps
Parcel Number(s)	Portion of Parcel #I19-59-100-000-00 Source: Land Survey and BS&A Imlay City
Approximate Acreage	0.170 acres Source: Land Survey
Owner Entity Name	Imlay City Source: BS&A Imlay City
BUILDING INFORMATION	
Number of Buildings	One
Date(s) of Construction	~1920s (western portion) and ~1930s (eastern portion)
Number of Floors	One
Size (square footage)	Approximately 2,300-square feet
Basement/Subgrade Area(s)	Crawl space along northern wall of western portion; extent/size is unknown.
Occupant(s)	Vacant
Property Use	Mostly vacant except for some Imlay City implement storage.
UTILITY INFORMATION	
Heating/Cooling Source	Natural gas
Potable Water Source	Municipal
Sewage Disposal Provider	Municipal
REGULATORY INFORMATION	
Regulatory Database Listings	Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part 201, RCRA-VSQG, UST, & WDS
Activity and Use Limitations (AULs)	None
Environmental Liens	None

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The Subject Property currently consists of 0.170 acres, developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is mostly vacant except for some Imlay City DPW implement storage, such as gardening supplies. The western portion of the structure is comprised mostly of office spaces, and the eastern portion of the structure is comprised of a former garage area including a bay door (currently out-of-use).

3.2 Vicinity Characteristics

A summary of the surrounding properties is included in the table below.

DIRECTION	OCCUPANT/USE	REGULATORY DATABASE LISTING(S)
North	East Third Street followed by a police station/ambulance services.	None
South	Driveway access following by a pole barn occupied by the Department of Public Works (part of parent parcel).	Same listings as Subject Property: Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part 201, RCRA-VSQG, UST, & WDS
East	Multi-retail businesses, including a tattoo shop, hair salon, music store, nail salon, and phone store.	BEA & Historical Auto
West	Imlay City exterior implement storage (part of parent parcel), followed by a parking lot, followed by a fire station.	None

Refer to Section 6.0 for a discussion of regulatory database listings.

3.3 Physical Setting

The physical setting of the Subject Property is described in the table below.

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TOPOGRAPHY	
USGS Topographic Quadrangle	*Imlay City*, *Michigan* (2019)
Approximate Elevation	815 feet above mean sea level
Nearest surface water	The North Branch Belle River is located over 1/4 mile to the east, and a tributary of the river is located within 1/4 mile to the southeast.
Source: USGS Topographic Map	
SOILS	
Soil Classification	Miami
Soil Type	Loam
Drainage Class	Well Drained
Source: EDR Radius Map Report	
GEOLOGY	
Physiographic Region	Southern Upland
Geologic Formation	Coldwater Shale
Bedrock	Paleozoic Era, Mississippian System, Osagean and Kinderhookian Series
Sources: MSU Physiographic Region Map, EDR Radius Map Report, and EGLE GeoWebFace	
HYDROLOGY	
Estimated Groundwater Flow[1]	East-southeast
Estimated Depth to Groundwater	Between five and 18 feet below ground surface.
Sources: USGS Topographic Map, AKT Peerless (2010), and Mannik & Smith Group (2015)	

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1. Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types of location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development, such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

4.0 User Provided Information

The User of this report is Lapeer Development Corporation. Mr. Samuel Moore, Executive Director of Lapeer Development Corporation, completed a User Questionnaire on July 29, 2022. A copy of the completed User Questionnaire is included in the appendices (**User Provided Information**). The User's responses have been summarized in the table below.

QUESTIONS	YES	NO	COMMENTS
Did a search of recorded land title records (or judicial records where appropriate[2]) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?	☐	✔	Date of search: Not provided
Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state, or local law?	☐	✔	Date of search: Not provided
Do you have any specialized knowledge or experience related to the property or nearby properties?	☐	✔	
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	☐	☐	Not applicable (lease option)
Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	✔	☐	Presence of numerous monitoring wells
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?	✔	☐	Presence of numerous monitoring wells

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Any prior environmental reports provided by the User have been summarized in Section 5.4.

2. In certain jurisdictions, federal, tribal, state, or local statues, or regulations specify that environmental liens and AULs be filed in judicial records rather than land title records. In such cases, judicial records must be searched for environmental liens and AULs.

4.1 Reason for Performing Phase I ESA

The reason for performing this Phase I ESA is to satisfy CERCLA requirements to quality for the innocent landowner, contiguous property owner, or bona fide prospective purchaser LLPs.

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5.0 Historical Review

5.1 Historical Sources Reviewed

ECT reviewed the following reasonably ascertainable standard historical sources, as described in ASTM E1527-13 and E1527-21, to determine the previous uses and occupancies of the Subject Property, adjoining properties, and surrounding area.

Aerial photographs, topographic maps, fire insurance maps, and city directories were obtained from Environmental Data Resources, Inc. (EDR). These records are provided in the appendices (**Historical Sources**) and were reviewed by ECT in May 2022. Additionally, ECT reviewed available aerial photographs on Google Earth™. The below table summarizes available historical source coverage for the Subject Property.

Dates	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories
No Coverage	☐	☐	☐	☐
Prior to 1940	✔	☐	✔	☐
1940 - 1945	✔	☐	☐	☐
1946 - 1950	☐	☐	☐	☐
1951 - 1955	☐	☐	✔	☐
1956 - 1960	✔	☐	☐	☐
1961 - 1965	✔	✔	☐	☐
1966 - 1970	☐	☐	☐	☐
1971 - 1975	☐	☐	☐	✔
1976 - 1980	✔	☐	☐	✔
1981 - 1985	✔	☐	☐	✔
1986 - 1990	✔	☐	☐	✔
1991 - 1995	☐	☐	☐	✔
1996 - 2000	✔	☐	☐	✔
2001 - 2005	☐	☐	☐	✔
2006 - 2010	✔	☐	☐	✔
2011 - 2015	✔	✔	☐	✔
2016 - 2020	✔	✔	☐	✔
Current	☐	☐	☐	☐

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5.2 Subject Property Historical Summary

Based upon review of the available historical sources, a chronological summary of historical data for the Subject Property is included below.

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1922 - 1964	The Subject Property appears to be occupied by the Imlay City Water Works, including a garage/ tool house and a water tower/gravity tank. A building addition (eastern portion) appears on the garage/tool house by the 1934 fire insurance map.	Fire insurance maps Aerial photographs
1974-2010	By the 1978 aerial, the water tower/gravity tank is no longer visible, but the remainder of the Subject Property appears unchanged. Between the city directories dated 1974 and 2000, the Subject Property appears to be predominantly occupied by the local municipality, such as the fire, police, and ambulance services; however, these listings may encompass the south and west adjoining structures. Additionally, Jets Collision and Imlay Signs are also listed as occupants on the city directories dated 1992-1995 and 2000-2010, respectively.	Aerial photographs City directories
2016-Current	The structure appears unchanged, but the Subject Property is vacant.	Aerial photographs Site reconnaissance Owner interview

The historical occupants of the Imlay City Water Works garage and Jets Collision at the Subject Property is considered a REC to the Subject Property due to typical operations of automotive maintenance activities likely involving the use and/or storage of hazardous substances and petroleum products.

5.3 Surrounding Area Historical Summary

Based upon review of the available historical sources, a chronological summary of historical data for the surrounding area is included below.

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DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
	NORTH	
1928-1983	Situated on the other side of East Third Street, a factory plant labeled as "Almont Manufacturer Co." is depicted on the northwest surrounding area on the fire insurance maps. The factory plant appears on the aerial photographs and/or city directories dated through 1983. The north adjoining property appears mostly unimproved.	Fire insurance maps Aerial photographs City directories
1987-2000	By the aerial photograph dated 1987, the factory plant appears to have been demolished. Instead, a commercial structure surrounded by parking lots is visible on the north adjoining property. Based on city directories, this structure appears to have been occupied by the Lapeer County government.	Aerial photographs City directories
2005-Current	The north adjoining property appears to be occupied by the Imlay City police department and Lapeer County EMS.	Topographic maps City directories Site reconnaissance

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
	SOUTH	
1922-1934	A railroad easement is depicted approximately 150 feet from the Subject Property. The south adjoining property appears largely unimproved except for storage shed(s) and a coal yard further west.	Fire insurance maps
1938-1964	A commercial structure surrounded by a circular driveway appears approximately 30 feet from the Subject Property. The structure is labeled as a "street department warehouse" on the fire insurance map dated 1953.	Aerial photographs Fire insurance maps
1974-Current	Building additions are visible at the south adjoining structure on the aerial photographs dated 1978 and 1987. Based on the city directories, site reconnaissance, and information from the owner, this structure has been occupied by the local municipality as early as 1974, including the Department of Public Works.	Aerial photographs City directories Site reconnaissance Owner interview

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DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
EAST		
1938-1941	The east adjoining property appears unimproved.	Aerial photographs
1957-1977	A commercial structure surrounded by a parking lot appears on the east adjoining property. As early as the city directory dated 1974, this structure appears to be occupied by Schoenhals Motor Sales.	Aerial photographs City directory
1982-Current	As early as the city directory dated 1982, the east adjoining property appears to be occupied by various retail businesses, and a building addition is visible as early as the aerial photograph dated 1983.	Aerial photographs City directory Site reconnaissance

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
WEST		
1922-1953	An 80,000-gallon reservoir is depicted directly west of the Subject Property. As early as the fire insurance map dated 1953, an office and coal yard is depicted further west.	Fire insurance maps
1957-1964	The reservoir remains visible on the aerial photographs, and further west appears to have been developed into a parking lot.	Aerial photographs
1974-2000	The reservoir directly adjoining the Subject Property is no longer visible, and a commercial structure appears approximately 150 feet from the Subject Property. Based on the city directories, ECT believes this structure may have been occupied by the local municipality, such as the fire, police, and/or ambulance services between 1974 and 2000.	Aerial photographs City directories
2014-Current	The west adjoining property is occupied by a fire station.	Topographic maps Site reconnaissance

5.4 Prior Environmental Reports

ECT was provided with the following prior environmental report for the Subject Property and/or the larger parent parcel which encompasses the south adjoining structure. It should be noted that information obtained from the prior environmental reports may have been used for guidance of the site reconnaissance portion of this Phase I ESA; however, no prior reports were relied upon without the completion of a new site reconnaissance.

2015 LIMITED SOIL GAS VAPOR STUDY	
Document Name:	Limited Soil Gas Vapor Study Report: Former DPW Building, 400-410 East Third Street, Imlay City, Lapeer County, Michigan
Prepared By:	Huron Consultants
Date:	April 10, 2015
Provided By:	EGLE/Imlay City

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In March 2015, five soil gas vapor points (VSP-1 through VSP-5) were placed within the DPW building (part of parent parcel) adjoining the Subject Property to the south to investigate environmental impacts related to previous LUST incidents. Five vapor samples were collected from the vapor points for the analysis of VOCs. Several VOC constituents were detected in the samples, but none of the concentrations were reported to exceed the Draft Acute Exposure Immediate Response Screening Levels. However, it should be noted that screening levels have been updated since this investigation. No soil gas samples were collected from the building at the Subject Property.

ECT was also provided with analytical results of additional soil gas samples from 2017. However, there was no indication of the sample locations; ECT assumes the samples were collected from the south adjoining DPW building rather than the Subject Property.

2015 LIMITED SITE INVESTIGATION	
Document Name:	Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763
Prepared By:	Mannik & Smith Group, Inc.
Date:	August 25, 2015
Provided By:	EGLE/Imlay City

In July 2015, ten soil borings (SB-01 through SB-10) were advanced using direct-push technologies to a maximum depth of 25 feet below ground surface (bgs) at the Subject Property and the south adjoining property (part of parent parcel) to investigate environmental impacts related to previous LUST incidents. Soils were generally characterized as sand, silt, and sandy clay, and groundwater was reported as being encountered between five and 10 feet bgs. Indication of petroleum impact was observed at all borings. In total, ten vadose soil samples, five saturated soil samples, and five groundwater samples were submitted for laboratory analysis. Throughout the soil and groundwater samples, concentrations of 1,2,4-TMB, 1,3,5-TMB, 2-methylnaphthalene, benzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, sec-butylbenzene, and toluene were found to exceed several EGLE Part 201 cleanup criteria.

Specific to the boundary of the Subject Property included borings SB-01 and SB-04, in which soil samples reportedly contained concentrations of ethylbenzene, 2-methylnaphthalene, naphthalene, n-propylbenzene, 1,2,4-TMB, 1,3,5-TMB, and toluene exceeding the regulatory cleanup criteria. Refer to the **Data Tables** and **Figure 3** for comparisons to the current cleanup criteria and VIAP screening levels. It should be noted that some numerical values on the data tables were illegible, and laboratory reports were not available. Therefore, ECT was not able to compare all results to the current cleanup

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criteria and/or VIAP screening levels. Lastly, no groundwater samples were collected from these borings at the Subject Property. A summary of this investigation is included in the appendices (**Prior Reports**).

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6.0 Regulatory Database Review

6.1 Database Finding Summary

ECT contracted Environmental Data Resources, Inc. (EDR) to conduct a search of publicly available information from federal, state, tribal, and local environmental record sources in accordance with ASTM E1527-13 and E1527-21. Data gathered during the regulatory database search is compiled by EDR into a government records report (i.e., database report). This government records report, dated May 4, 2022, was reviewed by ECT in May 2022.

The standard databases researched in accordance with ASTM E1527-13 and E1527-21 requirements are listed below.

Standard Environmental Record Sources (where available)	Approximate Minimum Search Distance (miles)
Federal Sources	
NPL list	1.0
Delisted NPL list	0.50
CERCLIS list	0.50
CERCLIS-No Further Remedial Action Planned (NFRAP) list	0.50
RCRA Corrective Action (CORRACTS) facilities list	1.0
RCRA non-CORRACTS TSD facilities list	0.50
RCRA generators list	SP and Adjoining
Federal institutional control/engineering control registries	SP
Federal Emergency Response Notification System (ERNS) list	SP
State Sources	
State- and tribal-equivalent NPL	1.0
State- and tribal-equivalent CERCLIS	0.50
State and tribal landfill and/or solid waste disposal site lists	0.50
State and tribal leaking storage tank lists	0.50
State and tribal registered storage tank lists	SP and Adjoining
State and tribal institutional control/engineering control registries	SP
State and tribal voluntary cleanup sites	0.5
State and tribal Brownfield sites	0.50
SP = Subject Property *Italicized* = State and tribal lists of hazardous waste sites identified for investigation or remediation	

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The database report, which includes a search of standard and additional record sources, identified the following hits for the Subject Property and/or surrounding area. For full details pertaining to the databases searched, refer to the database report included in the appendices (**Regulatory Database Report**).

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
AST	0.250	0	3	1	NR	NR	4
AUL	0.500	0	3	1	1	NR	5
BEA	0.500	0	7	1	4	NR	12
BROWNFIELDS	0.500	1	0	0	0	NR	1
DRYCLEANERS	0.250	0	0	2	NR	NR	2
ECHO	0.001	1	0	NR	NR	NR	1
EDR Hist Auto	0.125	0	2	NR	NR	NR	2
FINDS	0.001	1	0	NR	NR	NR	1
INVENTORY	0.500	2	6	5	8	NR	21
LUST	0.500	1	3	2	7	NR	13
PART 201	1.000	1	0	0	0	1	2
RCRA NonGen / NLR	0.250	0	2	3	NR	NR	5
RCRA-VSQG	0.250	1	2	4	NR	NR	7
RGA LUST	0.001	2	0	NR	NR	NR	2
RGA PART 201	0.001	1	0	NR	NR	NR	1
UST	0.250	1	4	4	NR	NR	9
WDS	0.001	2	0	NR	NR	NR	2

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6.2 Subject Property Listings

The Subject Property and/or the larger parent parcel were listed on the following regulatory databases:

SITE NAME	ADDRESS	DATABASE(S)
City of Imlay Public Works	400 East Third Street	Inventory, LUST, RGA LUST, UST, & WDS
400 & 410 East Third Street	400 & 410 East Third Street	Brownfields, Part 201, & RGA Part 201
City of Imlay	410 East Third Street	ECHO, FINDS, RCRA-VSQG & WDS

The Subject Property was listed on the Inventory database under the Part 213 Program, indicating that environmental impact has been identified from LUST incident(s) at the Subject Property. Three LUST incidents (#C-0744-94, #C-0039-02, #C-0470-02) regarding gasoline and/or diesel fuel have been reported at the Subject Property in 1994 and 2002, and the status of all three LUST incidents currently remain open. Three former USTs (ranging between 275- and 2,000-gallons) reportedly have been removed from the ground between 1994 and 2002; no active USTs are reported at the Subject Property. Refer to Section 7.1 for additional details.

The Subject Property was also listed on the Brownfield and Part 201 databases for pollutants of 1,2,4-TMB, benzene, ethylbenzene, toluene, and xylenes; however, the media (i.e. soil, groundwater) impacted was not reported. Lastly, various types of waste activities have likely occurred at the Subject Property, evident by the listings on the WDS, RCRA-VSQG, ECHO, and FINDS databases; however, no significant compliance violations were identified.

6.3 Surrounding Properties

Each surrounding property listing identified within the searched radius of the Subject Property was evaluated using ECT's professional judgement to determine its potential impact to the Subject Property. The distance of the listing from the Subject Property was included in ECT's evaluation, as well as the listing details, the regional topography, and the estimated groundwater flow. Based on ECT's evaluation, surrounding properties of potential environmental significance in relation to the Subject Property have been summarized below.

SCHOENHALS MOTOR SALES INC	
Location:	420 East Third Street
Distance:	Adjoining
Direction:	East
Database(s):	BEA & EDR Hist Auto

This above-mentioned site reportedly operated as a car dealership between 1969 and 1979, and a BEA (#1133) was submitted on February 2, 2007 which indicates that environmental impact has been identified. Refer to Section 7.1 for additional details regarding this adjoining site.

JER EQUIPMENT	
Location:	379 East Second Street
Distance:	200 feet
Direction:	South (other side of railroad easement)
Database(s):	AST

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This above-mentioned site was listed in the AST database for the storage of 500-gallons of liquefied petroleum gas. The AST is reported as currently in-use and was installed in 2016. No releases have been reported at this adjoining site. Based on the separation of the railroad and the lack of releases observed/identified, ECT does not believe this listing represents an environmental risk to the Subject Property.

TOTAL BULK PLANT/IMLAY CITY OIL	
Location:	100 & 110 North Cedar Street
Distance:	250 feet
Direction:	East (other side of North Van Dyke Road)
Database(s):	AST, AUL, AIRS, BEA, ECHO, FINDS, Inventory, LUST, RCRA-VSQG, UST, & WDS

This above-mentioned site formerly operated as a bulk petroleum facility and has two open LUST incidents. A restrictive covenant (RC-RRD-213-17-135) has been placed as an institutional control to restrict residential land use, groundwater consumption, and soil excavation. Based on the direction of groundwater flow, ECT does not believe this listing represents an environmental risk to the Subject Property.

Although many other properties in the surrounding area are listed in various environmental databases, ECT does not believe they are environmentally significant to the Subject Property based on their relative distances and/or inferred direction of groundwater flow.

6.4 Unmappable Properties

EDR also provides an unmappable (or "orphan") summary list which identifies properties that cannot be mapped due to poor or inadequate address information. No orphan (i.e. unmappable) sites were identified by EDR.

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7.0 Regulatory Agency Records Review

7.1 State Environmental Agency

ECT requested regulatory files associated with the database listings for the Subject Property, the larger parent parcel, and the east adjoining property. Records were requested from EGLE via their online FOIA portal system, and an extensive amount of files related to the Subject Property and its larger parent parcel were provided to ECT. A summary of the pertinent records reviewed is provided below.

1994 CONFIRMED RELEASE REPORT	
Document Name:	Confirmed Release Report: City of Imlay Department of Public Works
Prepared By:	WW Engineering & Science, Inc.
Date:	July 19, 1994
Comments:	Release identified on July 18, 1994 at UST #1 (2,000-gallon diesel) and UST #2 (2,000-gallon gasoline) based on laboratory test results.

1995 HYDROGEOLOGIC INVESTIGATION	
Document Name:	Phase II Hydrogeologic Investigation Work Plan: Department of Public Works
Prepared By:	Earth Tech
Date:	February 1995
Comments:	Approximately 65 cubic yards of soil were removed during the removal of the UST #1 and UST #2, as well as free product recovery.

2002 CONFIRMED RELEASE REPORT	
Document Name:	Confirmed Release Report: City of Imlay Public Works
Prepared By:	AKT Peerless Environmental Services
Date:	January 24, 2002
Comments:	Release identified on January 23, 2002 at UST #3 (275-gallon gasoline) based on stained soil and strong petroleum odor.

2003 FINAL ASSESSMENT REPORT	
Document Name:	Final Assessment Report: 400 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	September 23, 2003
Comments:	A vacuum recovery unit and remedial system were utilized, in which a total of 49,829 gallons of impacted water and free product were recovered.

2007 STATUS REPORT	
Document Name:	Free Product and Corrective Action Plan State Report: 400, 410, and 420 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	April 20, 2007
Comments:	Reported that additional impacted soil was excavated in March 2006 (occurring at east adjoining property). Free product had not been observed since June 2004.

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2010 CORRECTIVE ACTION STATUS REPORT	
Document Name:	Corrective Action Plan Status Report: 400, 410, and 420 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	September 2, 2010
Comments:	Included additional groundwater monitoring activities. Contamination plume was deemed stable.

2013 CLOSURE REPORT	
Document Name:	Leaking Underground Storage Tank Closure Report: City of Imlay City Former DPW
Prepared By:	Huron Consultants
Date:	February 18, 2013
Comments:	Between 2011 and 2012, Huron Consultants conducted additional groundwater monitoring and soil boring/sampling activities. No free product (LNAPL) was observed during the events.

2015 LIMITED SITE INVESTIGATION	
Document Name:	Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763
Prepared By:	Mannik & Smith Group, Inc.
Date:	August 25, 2015
Comments:	Summary provided in Section 5.4.

2017 CORRESPONDANCE	
Document Name:	Confirmed Underground Storage Tank Site Release at 400 East Third Street, Imlay City, Lapeer County, Michigan; Facility ID 0-0014763
Prepared By:	Michigan Department of Environmental Quality
Date:	July 27, 2016 and March 17, 2017
Comments:	Sub-slab soil gas samples were collected from the east adjoining property. The analytical data was not included, but it is reported that results were below the residential and nonresidential soil gas screening levels.

In summary, three USTs have been removed from the Subject Property and/or larger parent parcel: UST #1 (2,000-gallon gasoline) and UST #2 (2,000-gallon diesel) were removed on June 23, 1994 and UST #3 (275-gallon gasoline) was removed on January 22, 2002. Confirmed releases were reported following the removal of each UST; currently, all LUST incidents remain open. Additionally, limited information was available for a former heating oil UST that was formerly situated directly north of UST #3. A summary of the historical storage tanks associated with the Subject Property and/or the larger parent parcel is provided below; refer to **Figure 2** for their locations.

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UST No.	Size/Content	Removal Date
UST #1	2,000-gallon gasoline	June 23, 1994
UST #2	2,000-gallon diesel	June 23, 1994
UST #3	275-gallon gasoline	January 22, 2002
N/A	500-gallon heating oil	Unknown. Limited information is available regarding this tank except for being depicted on historical site maps as "removed."

Various consultants have conducted historical activities as a result of the LUST incidents, including UST removals, soil excavation and disposal, soil and groundwater sampling, remediation system installation and operation, and vacuum enhanced recovery to remove product from monitoring wells. In total, approximately 925-gallons of free product, approximately 86,852-gallons of groundwater, and approximately 805 cubic yards of impacted soil were removed, recovered, and/or remediated. Groundwater has been encountered as shallow as five feet and as deep as 18 feet below ground. Impacted groundwater has reportedly migrated in the easterly and southeasterly directions and has impacted surrounding properties. Light non-aqueous phase liquids (LNAPL) (formerly called free product) has not been observed since June 2004.

Specific to the boundary of the Subject Property, ECT evaluated analytical results from soil and groundwater samples post remedial activities, including results from the the 2010 Corrective Action Status Report (AKT Peerless Environmental Services), the 2013 Closure Report (Huron Consultants), and the 2015 Limited Investigation (Mannik & Smith Group). Excerpts from these reports are included in the appendices (**Prior Reports**). Based on the analytical results of the most recent sampling investigations, soil and groundwater at the Subject Property may remain impacted with benzene, ethylbenzene, 2-methylnaphalene, naphthalene, n-propylbenzene, 1,2,4-TMB, 1,3,5-TMB, toluene, and xylenes with concentrations exceeding the drinking water and groundwater-surface water interface cleanup criteria. Additionally, the concentrations of several volatiles also exceed the residential/nonresidential VIAP screening levels. Refer to the **Data Tables** and **Figure 3** for comparisons to the current EGLE Part 201 cleanup criteria and VIAP screening levels.

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Lastly, a summary of the records reviewed regarding the east adjoining property is provided below:

2007 BEA (EAST ADJOINING - SCHOENHALS MOTOR SALES INC)	
Document Name:	Baseline Environmental Assessment: 418-420 East Third Street and 21 North Cedar Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	January 23, 2007
Comments:	The east adjoining property operated as an automotive dealership and/or service station as early as the 1930s until the 1970s.

Based on analytical results from soil and groundwater sampling conducted between 2005 and 2006, migration of petroleum impact to the soil and groundwater was identified at the east adjoining property from the LUST incidents at the Subject Property and larger parent parcel. BTEX compounds, 1,2,3-TMB, 1,3,5-TMB, naphthalene, and/or lead were identified in soil and groundwater samples with concentrations exceeding the Part 201 cleanup criteria.

7.2 Oil and Gas Pipelines/Wells

ECT reviewed the National Pipeline Mapping System (NPMS) to evaluate if pipelines are located at the Subject Property. No pipelines are located on or within close proximity of the Subject Property. In addition, ECT reviewed the EGLE Oil, Gas, and Minerals Division's GeoWebFace in May 2022. According to the EGLE Oil, Gas, and Minerals Division, no active or inactive oil/gas wells are depicted on or directly adjoining the Subject Property.

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8.0 Vapor Encroachment Screening

A Vapor Encroachment Screening was conducted in general accordance with ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. A Vapor Encroachment Condition (VEC) is the presence or likely presence of COC vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property. This screening is intended to reduce, but not eliminate, uncertainty regarding whether or not a VEC exists in connection with a property.

Based on previous investigations conducted at the Subject Property related to the LUST incidents onsite and directly adjoining the Subject Property to the south, it is likely that a VEC exists at the Subject Property.

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9.0 Interviews

9.1 Past and Present Owners

The Subject Property is owned by Imlay City. ECT interviewed Ms. Lorrelei Natke, Director of Imlay City Downtown Development Authority during the site reconnaissance on June 17, 2022. Ms. Natke indicated that the Subject Property has been vacant for several years except for some implement storage by Imlay City. Ms. Natke is aware that extensive sampling investigations have been historically conducted at the Subject Property and/or larger parent parcel. Documentation is included in the appendices (**Owner Interview Documentation**).

9.2 Local Government Officials

The following local government officials were interviewed as part of this assessment:

COUNTY HEALTH	
Agency:	Lapeer County Heath Department
Contact Name:	Ms. Edith Baker
Title:	Not disclosed
Method:	Telephone
Comments:	Indicated that the county does not maintain records for municipal properties.

LOCAL FIRE	
Agency:	Imlay City Fire Department
Contact Name:	Mr. Rick Horton
Title:	Fire Chief
Method:	Telephone
Comments:	Indicated they do not maintain records for municipal properties. He indicated there has been historical soil sampling, but was not aware of copies of records.

Copies of state and/or local government correspondence and any provided documents are included in the appendices (**Local Interview Documentation**).

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10.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW	
Site Reconnaissance Date:	June 17, 2022
ECT Assessor(s) Name & Title:	Ms. Maura Gibbons - Scientist
Escort & Relationship to Property:	Ms. Lorrelei Natke - Director of Imlay City Downtown Development Authority
Methodology:	Walking inspection of the entire Subject Property and interior buildings unless otherwise disclosed as a limiting condition (see below; refer to Section 2.5).
Access Limitations:	No access to subgrade crawl space; visually inspected from opening of first floor.
SUBJECT PROPERTY CONDITIONS	
Weather:	Approx. 75°F and sunny
General Topography:	Generally flat with an abrupt slope along eastern boundary.
Current Use:	Subject Property is mostly vacant except for some Imlay City implement storage (garden pots, traffic barricades, fence posts, etc.).
Roads and Corridors:	East Third Street and a driveway access borders the northern and southern edges of the Subject Property, respectively.
Other Transportation Corridors:	A railroad easement is located approximately 100 feet to the south.
Exterior Storage Areas:	Imlay City implement storage to the west of the structure, including traffic barricades and fence posts.
Surface Water:	None

10.1 Subject Property Reconnaissance Summary

Photographs taken during the reconnaissance are provided in the appendices (**Photographic Documentation**). The table below describes site conditions required by the ASTM standard to be evaluated during the site reconnaissance. Where prudent, additional information from the site reconnaissance is provided below the table.

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OBSERVATION	YES	NO
Hazardous Substances and/or Petroleum Products in Connection with Property Use	☐	✔
Hazardous Substances and/or Petroleum Products not in Connection with Property Use	☐	✔
Aboveground Storage Tanks (ASTs)	☐	✔
Underground Storage Tanks (USTs), vent pipes, fill pipes, or access ways indicating USTs may be present	☐	✔
Unidentified Substance Containers	☐	✔
Strong, Pungent, or Noxious Odors	☐	✔
Drains, Sumps, Clarifiers, or Pools of Liquid	✔	☐
Electrical or Hydraulic Equipment Likely to Contain Fluids	☐	✔
Staining or Stressed Vegetation	☐	✔
Pits, Ponds, Ditches, Streams, or Lagoons	☐	✔
Solid Waste Disposal	☐	✔
Evidence of Fill Materials or Dumping of Debris	✔	☐
Wastewater or Storm Water Discharges	☐	✔
Wells	✔	☐
Septic Systems	☐	✔
Other	✔	☐

10.2 Underground Storage Tanks

There was no evidence of current or active USTs observed at the Subject Property. Refer to Section 7.1 and **Figure 2** for a summary of historical USTs associated with the Subject Property and/or larger parent parcel.

10.3 Unidentified Substance Containers

Three 55-gallon metal storage drums were observed on the west and south adjoining properties. Two of the drums were observed to the west in connection with other Imlay City implement storage, and one of drums was observed to the south towards the railroad easement. All adjoining drums appeared empty, and no ground staining was observed surrounding the drums. No other unidentified containers were observed on or adjoining the Subject Property at the time of the site reconnaissance.

10.4 Drains, Sumps, Clarifiers, or Pools of Liquid

ECT observed a sloped trench connected to a floor drain within the former garage area, situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight sheen. No odors were observed at the floor drain. Based on this observation and in connection with that the Subject Property was historically occupied by the Imlay City Water

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Works garage and Jets Collision, ECT believes the historical use of automotive maintenance activities is considered a REC to the Subject Property as the operations likely involved the use and/or storage of hazardous substances and petroleum products.

10.5 Solid Waste Disposal, Fill Materials, or Debris

To the west of the structure, ECT observed exterior implement storage and/or solid waste, such as former concrete traffic barricades and fence posts. Based on the type of materials observed, ECT does not believe the presence of the implement storage represents an environmental risk to the Subject Property.

10.6 Wells

Numerous monitoring wells were observed on and adjoining the Subject Property, primarily to the east and south of the structure, in connection with the historic LUST investigation activities. The monitoring wells appeared in varying conditions, with some wells missing surface coverings. A former groundwater remedial system was observed approximately 75 feet to the south of the Subject Property also in connection with the historic LUST remedial activities. The system appeared inactive.

In addition, a former cistern (concrete square structure) was observed approximately 60 feet to the west from the Subject Property. Based on information from the owner representative, the cistern is inactive.

10.7 Other Field Observations

Although considered a non-scope consideration, based on the age of the structure, suspect asbestos-containing materials, (i.e. floor tiles, wall/ceiling boards, dropped ceiling tiles) and chipping paint suspected as support lead were observed at the Subject Property.

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11.0 Environmental Professional Statement

I, Dirk Mammen, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §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. A copy of the EP's resume, as well as others involved in the completion of this assessment, are included in the appendices (**Resumes of Environmental Consultants**).

Dirk Mammen
Associate Vice President
Environmental Professional

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12.0 Non-Scope Considerations

No non-scope considerations as defined in Appendix X5 of ASTM E1527-13 and E1527-21 were included as part of this assessment.

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13.0 References

REFERENCED ITEM OR AGENCY	PUBLICATION OR INQUIRY DATE(S)	SOURCE
Aerial Photographs	May 4, 2022	EDR
	March 14, 2019	Google Earth™
Assessor Information	July 11, 2022	BS&A Imlay City
City Directories	May 6, 2022	EDR
Depth to Groundwater Information	2002	USGS NWIS
Fire Department(s)	May 31, 2022	Imlay City Fire Department
Fire Insurance Maps	May 4, 2022	EDR
Geology Information	May 4, 2022	EDR
	May 27, 2022	EGLE GeoWebFace
	May 27, 2022	MSU Physiographic Region Map
Health Department(s)	May 27, 2022	Lapeer County Heath Department
Oil and Gas Authority	May 2022	EGLE Oil, Gas, and Minerals Division
Owner Interview	June 17, 2022	Ms. Lorrelei Natke
Pipeline Information	May 2022	NPMS
Regulatory Database Report	May 4, 2022	EDR
Soils Information	May 4, 2022	EDR
Standard Practice	2013 and 2021	ASTM Standards E1527-13 and E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*
State Environmental Agency	May 2022	EGLE
Topographic Maps	2019	USGS (*Imlay City*, *Michigan*)
	May 3, 2022	EDR

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Phase II Environmental Site Assessment
400 and 410 East Third Street
Imlay City, Lapeer County, Michigan 48444

November 9, 2022
ECT No. 220365-0100

Prepared for:
Michigan Department of Environmental, Great Lakes, and Energy

on Behalf of:
Lapeer Development Corporation
449 McCormick Drive
Lapeer, Michigan 48446

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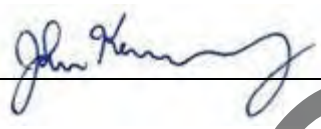
Document Review

The dual signatory process is an integral part of Environmental Consulting & Technology, Inc.'s (ECT's) Document Review Policy No. 9.03. All ECT documents undergo technical/peer review prior to dispatching these documents to any outside entity.

The environmental assessment described herein was conducted by the undersigned employees of ECT. ECT's investigation consisted solely of the activities described in the Introduction of this report, and in accordance with the Terms and Conditions of the Standard Consulting Services Agreement signed prior to initiation of the assessment, as applicable.

This document has been authored and reviewed by the following employees:

John Kennedy	Michael T. Hebert
Author	Peer Review
Signature 	Signature
November 9, 2022	November 9, 2022
Date	Date

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Appendix B Groundwater Low-Flow Stabilization Logs
Appendix C Soil Gas Sampling Logs
Appendix D Laboratory Analytical Reports

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List of Acronyms and Abbreviations

bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
ECT	Environmental Consulting & Technology, Inc.
EGLE	Michigan Department of Environment, Great Lakes and Energy
EPA	Environmental Protection Agency
FES	Fibertec Environmental Services
GSI	groundwater surface water interface
NREPA	Natural Resources and Environmental Protection Act, 1994 PA 451, as amended
PCE	tetrachloroethene
PID	photoionization detector
ppm	part per million
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
SAP	Sampling and Analysis Plan
SVOC	Semi-volatile organic compound
TCE	trichloroethene
TMB	Trimethylbenzene
Ug/L	micrograms per liter
ug/kg	micrograms per kilogram
ug/m^3	micrograms per cubic meter
VIAP	Volatilization to Indoor Air Pathway
VOC	volatile organic compound

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1.0 Introduction

Environmental Consulting & Technology, Inc. (ECT) was retained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) on behalf of Lapeer Development Corporation (the Client) to conduct a Phase II Environmental Site Assessment (ESA) at the property addressed as 400 and 410 East Third Street, Imlay City, Michigan (herein referred to as the Subject Property).

1.1 Purpose

The purpose of the Phase II ESA is to evaluate the presence or absence of environmental impact associated with the Subject Property. This Phase II ESA report is intended to follow the ASTM International Standard E1903-19 (Standard Practice for Phase II Environmental Site Assessment Process). The purpose of ASTM E1903-19 is to conduct a Phase II ESA of a parcel of property with respect to the presence of, or the likely presence of regulated substances, including but not limited to those required per the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601) (e.g., hazardous substances) for documenting the assessment, scope, and the constraints on the conduct of the assessment process.

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2.0 Background Information

2.1 Site Description

The Subject Property is situated in the Southeast ¼ of Section 17, Township 7 North, Range 12 East in Imlay City, Lapeer County, Michigan. The Subject Property is currently developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is currently vacant except for Imlay City Department of Public Works (DPW) implement storage.

2.2 Environmental Findings

As a preliminary investigation, ECT conducted a site reconnaissance on June 17, 2022 to evaluate Subject Property conditions that would be indicative of a recognized environmental condition (REC). Significant items observed during the site reconnaissance are described below:

Hazardous Substances and/or Petroleum Products in Connection with Property Use	☐	✔
Hazardous Substances and/or Petroleum Products not in Connection with Property Use	☐	✔
Aboveground Storage Tanks (ASTs)	☐	✔
Underground Storage Tanks (USTs), vent pipes, fill pipes, or access ways indicating USTs may be present	☐	✔
Unidentified Substance Containers	☐	✔
Strong, Pungent, or Noxious Odors	☐	✔
Drains, Sumps, Clarifiers, or Pools of Liquid	✔	☐
Electrical or Hydraulic Equipment Likely to Contain Fluids	☐	✔
Staining or Stressed Vegetation	☐	✔
Pits, Ponds, Ditches, Streams, or Lagoons	☐	✔
Solid Waste Disposal	☐	✔
Evidence of Fill Materials or Dumping of Debris	✔	☐
Wastewater or Storm Water Discharges	☐	✔
Wells	✔	☐
Septic System	☐	✔
Other	✔	☐

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3.0 Sampling Activities

A Brownfield Site Assessment Sampling and Analysis Plan was prepared for the Phase II ESA Investigation by ECT and dated August 1, 2022, which provided an explanation of the proposed sampling activities, rationale, data quality objectives, data generation methodologies, and quality assurance measures. Sampling activities were conducted on August 16, 2022 and were performed in accordance with the Sampling and Analysis Plan (SAP). The Sample Locations Map is provided as **Figure 1.**

3.1 Methods

The following methods and/or guidance were utilized during this Phase II ESA:

Decontamination	ECT SOP-4
Geoprobe Drilling	ASTM D-6282
Groundwater Sampling	ECT SOP-2
Soil Sampling	ECT SOP-1 and EPA Method 5035
Soil Gas Sampling	EGLE Vapor Intrusion Pathway Guidance Document

3.1.1 Soil Sampling

Four soil borings (notated as SB-3 through SB-6) were advanced using direct-push drilling technologies along the exterior perimeter of the structure and situated near areas of environmental significances that were identified during the preliminary site reconnaissance. Two soil borings (notated as SB-1 and SB-2) were advanced using a hand auger inside the building. Soils were screened with a calibrated photoionization detector (PID), logged, and characterized by an environmental professional. The Soil Boring Logs are provided as **Appendix A**.

The direct-push borings were advanced to a maximum depth of 20 feet below ground surface (bgs) and hand auger borings were advanced to a maximum depth of six feet bgs. One soil sample was collected from each boring based on field conditions, such as elevated PID readings, staining, odor, and/or stratigraphy changes. The six soil samples were analyzed for volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), and/or the Michigan Ten Metals (including arsenic, barium, cadmium, chromium, copper, lead, mercury, silver, selenium, and zinc) using Environmental Protection Agency (EPA) Methods 8260, 8270, and 6020/7470, respectively.

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3.1.2 Groundwater Sampling

Four temporary groundwater monitoring wells (TMW-3 through TMW-6) were installed at four soil borings (SB-3 through SB-6), respectively. Each temporary monitoring well was constructed using one-inch PVC casing and a slotted five-foot screen. Prior to sampling activities, groundwater was purged at approximately 100 milliliters per minute for at least 15 minutes. A copy of the groundwater low-flow stabilization forms is included in **Appendix B**. One groundwater sample was collected per boring and analyzed for VOCs and PAHs using EPA Methods 8260 and 8270, respectively.

It is noted that the temporary monitoring well at SB-5/TMW-5 was dry; therefore, no groundwater was collected.

A groundwater sample was also collected from MW-1 and analyzed for VOCs using EPA Method 8260. Monitoring wells MW-5 and MW-12 could not be located; therefore, groundwater samples were not collected from the two monitoring wells.

The bay door to the garage was not operational; therefore, the hand auger boring method at SB-1 and SB-2 limited the maximum depth of the borings. Groundwater was not encountered at soil borings SB-1 and SB-2.

3.1.3 Soil Gas Sampling

Four sub-slab vapor pins (notated as VP-1 through VP-4) were advanced within the interior of the structure to assess sub-slab soil gas conditions. Soil gas sampling activities for each vapor pin location included a shut-in-test and an argon chamber. A shut-in-test was used to verify that the sampling apparatus did not have any leaks; the sampling procedure did not move forward without a successful shut-in-test. Argon was used instead of helium due to the helium shortage at the time of the Phase II ESA. The argon chamber was used to ensure that the connections at the vapor pin did not allow ambient air to enter the sampling apparatus during purge or sampling activities. The Vapor Pin Field Logs/Soil Gas Sampling Logs are provided as **Appendix C**. At each vapor pin location, one soil gas

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sample was collected in a one-liter bottlevac canister for laboratory analysis of VOCs using EPA Method TO-15.

3.2 Deviations from the SAP

The following summarizes the deviations from the SAP:

- The location of SB-5/TMW-5 was relocated approximately 25 feet west from the proposed location indicated in the SAP to the sanitary sewer.
- A groundwater sample was not collected from TMW-5 due to lack of groundwater at SB-5/TMW-5.
- Groundwater samples were not collected from MW-5 and MW-12. The two monitoring wells could not be located.
- Argon was used instead of helium due to the helium shortage at the time of the Phase II ESA. The argon chamber and field meter were provided by the laboratory. Prior to purging the respective vapor pins, the field meter was zeroed and then placed inside the chamber to ensure that the argon gas has adequately filled the chamber.

3.3 Quality Assurance/Quality Control

Environmental protocols consisting of equipment decontamination, sample preservation, and chain-of-custody documentation were followed during sampling activities. ECT submitted seven quality assurance/quality control (QA/QC) samples.

- Soil samples – ECT submitted a field duplicate, a matrix spike, and a matrix spike duplicate.
- Groundwater samples – ECT submitted a field duplicate, a matrix spike, a matrix spike duplicate, and a trip blank.

3.4 Analytical Laboratory Testing Summary

Samples collected during Phase II ESA activities were submitted under chain-of-custody to EGLE Environmental Laboratory for quantitative analyses. A summary of samples collected during this investigation is described in the table below:

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SB-1	REC #1 Trench/floor drain	Soil	1	1	1	0
SB-2		Soil	1	1	1	0
SB-3 TMW-3	REC #2 Former USTs	Soil	1	0	0	0
		Groundwater	1	0	0	0
SB-4 TMW-4	REC #2 Former UST #1	Soil	1	0	0	0
		Groundwater	1	0	0	0
SB-5 TMW-5	REC #2 Former USTs	Soil	1	0	0	0
		Groundwater	0	0	0	0
SB-6 TMW-6	REC #2 Former heating oil UST	Soil	1	1	0	0
		Groundwater	1	1	0	0
VP-1	REC #1 and REC #2	Soil Gas	0	0	0	1
VP-2		Soil Gas	0	0	0	1
VP-3		Soil Gas	0	0	0	1
VP-4		Soil Gas	0	0	0	1
TB005475	QA/QC Trip Blank	Water	1	0	0	0

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4.0 Results

The following sections discuss the results of the Phase II ESA.

4.1 Soil Lithology and Hydrogeology

The Soil Boring Logs are provided as **Appendix A.** The subsurface soil type from the surface to approximately 12 feet was predominantly clay. The clay was underlain by sand which extended to the maximum depth of investigation (20 feet bgs). At SB-3, a sand layer was observed from eight to 10 feet; the sand layer was underlain by two feet of clay. At SB-5, a 0.5-foot clay layer was observed within the sand at approximately 16 feet.

The highest PID reading was recorded as 1,540 ppm within the clay at SB-1 at four to six feet depth. Elevated PID readings were also recorded at SB-2, SB-4, and SB-6. ECT did not observe any other indicators of environmental impact within borings (SB-3 and SB-5).

Groundwater at MW-1, TMW-3, TMW-4, and TMW-6 averaged 12.58 feet bgs. The ground surface varies approximately seven feet from the front to the back of the Subject Property. Toward the front of the building, groundwater at TMW-6 was observed at 9.38 feet bgs. At the back of the building, groundwater at TMW-3 and TMW-4 were observed at 16.17 and 13.03 feet bgs, respectively. Groundwater was observed as clear at MW-1 and TMW-4, and cloudy/turbid at TMW-3 and TMW-6.

4.2 Analytical Results

The Analytical Laboratory Reports are provided in **Appendix D**.

4.2.1 Soil

The Soil Analytical Summary is provided as **Table 1** and compares the lab results to the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Part 201 residential and nonresidential cleanup criteria/screening levels. A figure summarizing the analytical concentrations and exceedances is included as **Figure 2**. A summary of the analytical soil results is presented below:

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VOCs

VOCs were analyzed for seven soil samples including the duplicate soil sample collected from SB-6. Elevated concentrations of VOCs were detected at SB-1, SB-2, SB-4, and SB-6. No VOCs were detected at SB-3 and SB-5.

- Various 18 compounds, including naphthalene and 2-methylnaphthalene, were detected in the soil samples collected from SB-1, SB-2, SB-4, and SB-6.
- VOC concentrations at SB-1, SB-2, SB-4, and SB-6 exceed the drinking water protection and groundwater surface water interface (GSI) protection criteria.
- VOC concentrations at SB-1, SB-2, SB-4, and SB-6 exceed the volatilization to indoor air pathway (VIAP) residential and nonresidential screening levels.

PAHs

Four soil samples were analyzed for PAHs, including the field duplicate soil sample collected from SB-6. Elevated PAH concentrations were detected at all four soil samples.

- Two compounds (naphthalene and 2-methylnaphthalene) were detected at SB-1, SB-2, and SB-6. No other PAH compounds were detected.
- PAH concentrations at SB-1, SB-2, and SB-6 exceed the GSI protection criterion.
- PAH concentrations at SB-1, SB-2, and SB-6 exceed the VIAP's residential and nonresidential screening levels.

Metals

Two soil samples were analyzed for Ten Michigan Metals. Elevated selenium concentrations were detected at SB-1 and SB-2.

- The selenium concentrations at SB-1 and SB-2 exceed the statewide default background level and the GSI protection criterion.
- Using the 2015 Michigan Background Soil Survey (MBSS) to further evaluate selenium, the maximum selenium concentration (700 ug/kg) do not exceed the lesser of the following:
    - The 97.5 quantile (2 standard deviations) for clay in the Huron-Erie Glacial Lobe is 1,200 ug/kg and for clay in the Saginaw Glacial Lobe is 1,100 ug/kg.
    - The upper limit of the typical statewide range is 1,300 ug/kg.

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4.2.2 Groundwater

The Groundwater Analytical Summary is provided as **Table 2** and compares the results to the EGLE Part 201 residential and nonresidential cleanup criteria/screening levels. A figure summarizing the analytical concentrations and exceedances is included as **Figure 3**. A summary of the analytical groundwater results is presented below:

VOCs

Five groundwater samples including a field duplicate were analyzed for VOCs. Elevated VOC concentrations were detected at TMW-3, TMW-4, and TMW-6. There were no detections at MW-1.

- Various 21 compounds were detected at TMW-3, TMW-4, and TMW-6.
- VOC concentrations at TMW-3, TMW-4, and TMW-6 exceed the residential and nonresidential drinking water protection and GSI protection criteria.
- None of the VOC concentrations exceed the generic residential groundwater volatilization to indoor air criteria.
- VOC concentrations at TMW-3, TMW-4, and TMW-6 exceed the VIAP residential and nonresidential screening levels for shallow groundwater and groundwater not-in-contact.

PAHs

PAHs were analyzed for two groundwater samples, including the field duplicate collected from TMW-6. Lab results reported no detections for PAHs.

4.2.3 Soil Gas

The Soil Gas Analytical Summary is provided as **Table 3** and compares the results to the EGLE VIAP residential and nonresidential screening levels. A figure summarizing the analytical concentrations and exceedances is included as **Figure 4**. A summary of the analytical soil gas results is presented below:

VOCs

Soil gas samples collected from (VP-1 through VP-4) were analyzed VOCs. Elevated VOC concentrations were detected in all four samples.

- Various 21 compounds were detected at VP-1, VP-2, VP-3, and VP-4.

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- VOC concentrations (2,2,4-trimethylpentane, benzene, and hexane) at VP-1 exceed the residential and nonresidential soil vapor screening levels.
- The VOC concentrations at VP-2, VP-3, and VP-4 do not exceed screening levels.

4.3 Quality Assurance / Quality Control

ECT submitted seven quality assurance/quality control (QA/QC) samples. As referenced;

- Soil samples – ECT submitted a field duplicate, a matrix spike, and a matrix spike duplicate,
- Groundwater samples – ECT submitted a field duplicate, a matrix spike, a matrix spike duplicate, and a trip blank.

No VOCs were detected in the trip blank quality assurance sample. All samples were analyzed within their respective hold times. The results of the laboratory's qualifiers and control limits are included within the Analytical Laboratory Reports, provided in **Appendix D.** It is ECT's opinion that the laboratory's qualifiers do not impact the conclusions of this report.

EXCERPT

5.0 Interpretations and Conclusions

Based on the results of the environmental site assessments completed at the Subject Property, ECT offers the following conclusions and opinions:

Soil

The concentrations of VOCs (including 2-methylnaphthalene and naphthalene) exceed residential drinking water protection and GSI protection criteria/screening levels. The concentrations also exceed the VIAP residential and nonresidential criteria/screening levels. The elevated concentrations of VOCs are consistent with the historical soil results from 2011 and 2015, included in **Table 1**.

Although the concentrations of selenium were found to exceed the statewide default background level, some degree of its presence is naturally occurring. The selenium concentrations do not exceed the MBSS's 97.5 quantile for clay or the upper limit of the typical statewide range. ECT believes the exceeding values of selenium are ***not*** indicative of a significant release of materials at the Subject Property.

Groundwater

Groundwater concentrations for VOCs exceed the residential drinking water and GSI criteria/screening levels. The concentrations also exceed the VIAP residential and nonresidential shallow groundwater and groundwater not-in-contact screening levels. The elevated concentrations of VOCs are consistent with historical groundwater results from 2010 and 2012, included in **Table 2**.

Soil Gas

Soil gas concentrations for VOCs at VP-1 exceed the VIAP residential and nonresidential soil vapor screening levels.

EXCERPT

6.0 References

ASTM International Standard E1903-19: Standard Practice for the Phase I Environmental Site Assessment Process, 2019.

Remediation and Redevelopment Division, Cleanup Criteria Requirements for Response Activity, R 299.44 Generic groundwater cleanup criteria, Table 1. Groundwater: Residential and Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels, pages 36-44, effective December 30, 2013, revised August 3, 2020.

Remediation and Redevelopment Division, Cleanup Criteria Requirements for Response Activity, R 299.46 Generic soil cleanup criteria for residential category, Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels, pages 48-68, effective December 30, 2013, revised June 25, 2018.

EXCERPT

Figures

EXCERPT

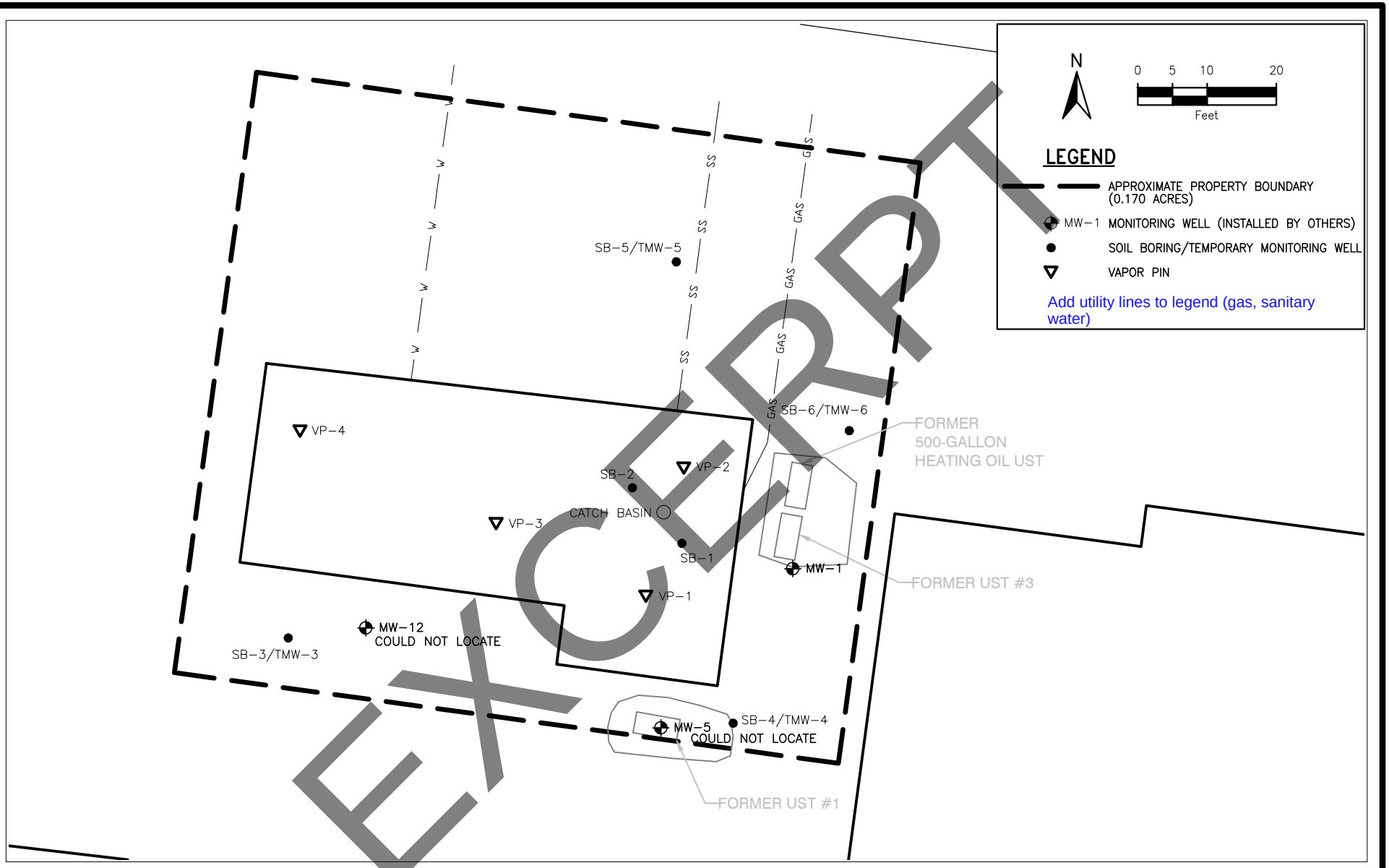

FIGURE 1.
SAMPLE LOCATIONS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: AKT Peerless, 2010; Huron Consultants, 2013; Mannik and Smith Group, 2015; Google, 2022 (imagery date: 3/24/19), ECT, 2022.

ECT

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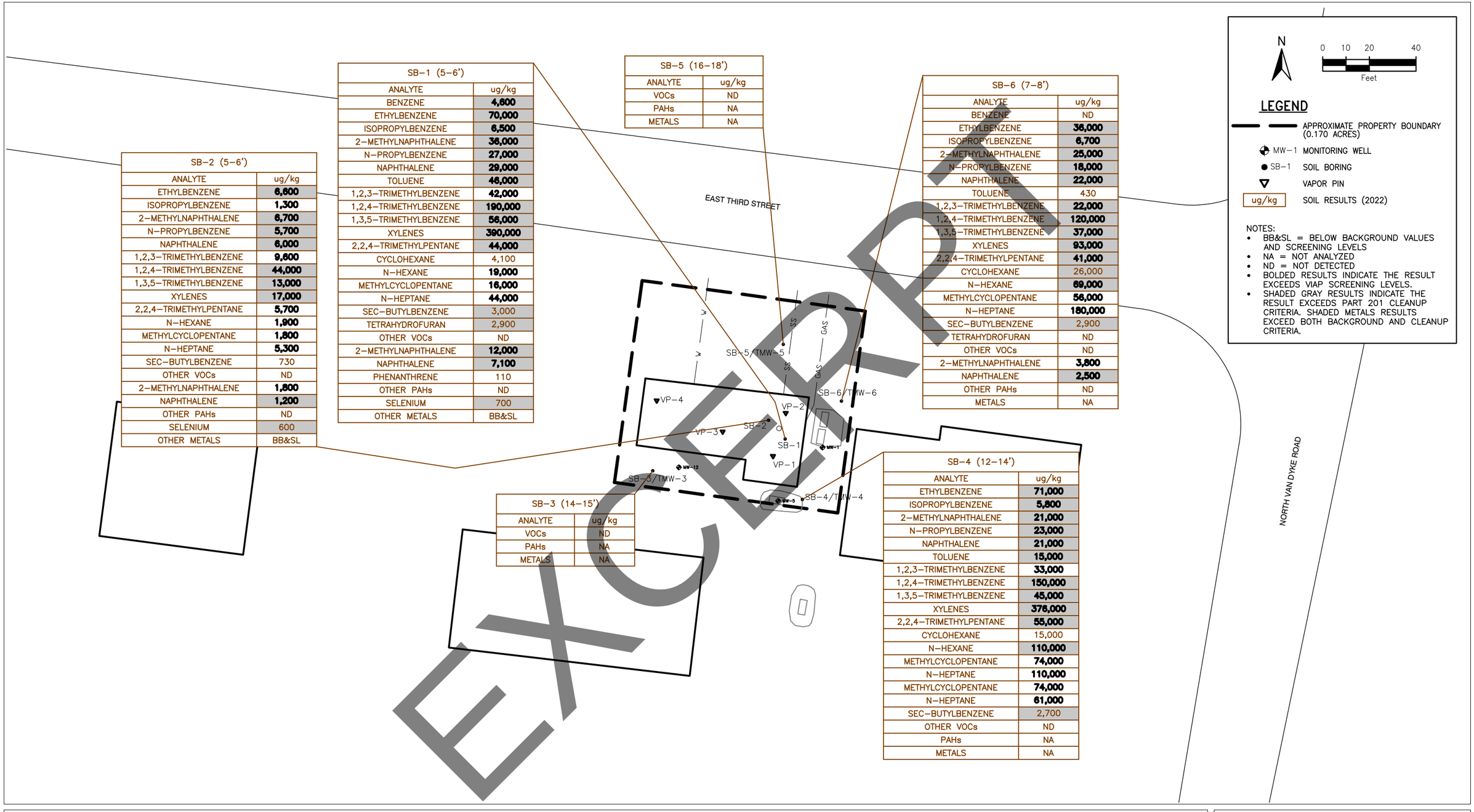

FIGURE 2.
SOIL ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.

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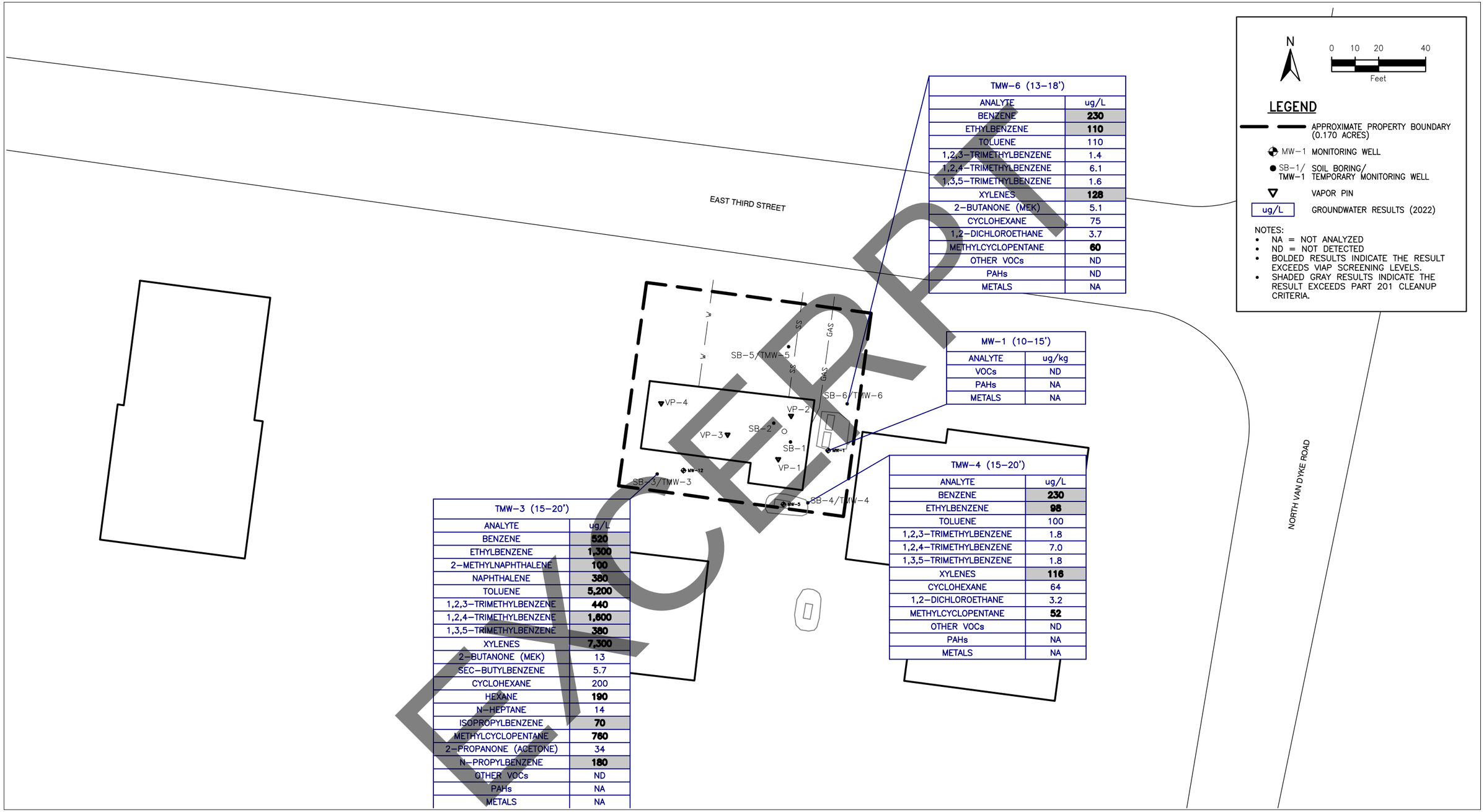


FIGURE 3.
GROUNDWATER ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.

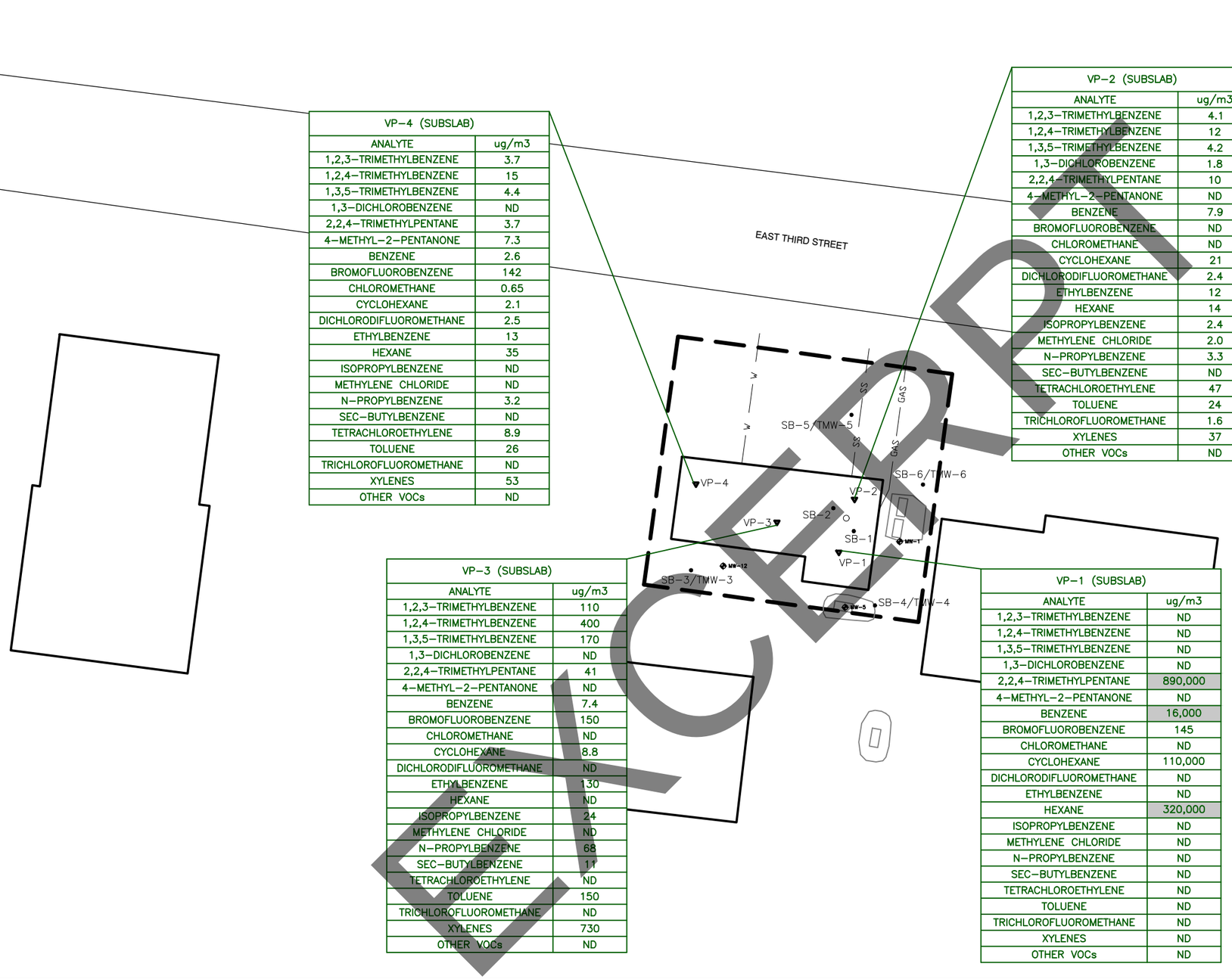
ECT

VP-4 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	3.7
1,2,4-TRIMETHYLBENZENE	15
1,3,5-TRIMETHYLBENZENE	4.4
1,3-DICHLOROBENZENE	ND
2,2,4-TRIMETHYLPENTANE	3.7
4-METHYL-2-PENTANONE	7.3
BENZENE	2.6
BROMOFLUOROBENZENE	142
CHLOROMETHANE	0.65
CYCLOHEXANE	2.1
DICHLORODIFLUOROMETHANE	2.5
ETHYLBENZENE	13
HEXANE	35
ISOPROPYLBENZENE	ND
METHYLENE CHLORIDE	ND
N-PROPYLBENZENE	3.2
SEC-BUTYLBENZENE	ND
TETRACHLOROETHYLENE	8.9
TOLUENE	26
TRICHLOROFLUOROMETHANE	ND
XYLENES	53
OTHER VOCs	ND

VP-2 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	4.1
1,2,4-TRIMETHYLBENZENE	12
1,3,5-TRIMETHYLBENZENE	4.2
1,3-DICHLOROBENZENE	1.8
2,2,4-TRIMETHYLPENTANE	10
4-METHYL-2-PENTANONE	ND
BENZENE	7.9
BROMOFLUOROBENZENE	ND
CHLOROMETHANE	ND
CYCLOHEXANE	21
DICHLORODIFLUOROMETHANE	2.4
ETHYLBENZENE	12
HEXANE	14
ISOPROPYLBENZENE	2.4
METHYLENE CHLORIDE	2.0
N-PROPYLBENZENE	3.3
SEC-BUTYLBENZENE	ND
TETRACHLOROETHYLENE	47
TOLUENE	24
TRICHLOROFLUOROMETHANE	1.6
XYLENES	37
OTHER VOCs	ND

VP-3 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	110
1,2,4-TRIMETHYLBENZENE	400
1,3,5-TRIMETHYLBENZENE	170
1,3-DICHLOROBENZENE	ND
2,2,4-TRIMETHYLPENTANE	41
4-METHYL-2-PENTANONE	ND
BENZENE	7.4
BROMOFLUOROBENZENE	150
CHLOROMETHANE	ND
CYCLOHEXANE	8.8
DICHLORODIFLUOROMETHANE	ND
ETHYLBENZENE	130
HEXANE	ND
ISOPROPYLBENZENE	24
METHYLENE CHLORIDE	ND
N-PROPYLBENZENE	68
SEC-BUTYLBENZENE	11
TETRACHLOROETHYLENE	ND
TOLUENE	150
TRICHLOROFLUOROMETHANE	ND
XYLENES	730
OTHER VOCs	ND

VP-1 (SUBSLAB)	
ANALYTE	ug/m3
1,2,3-TRIMETHYLBENZENE	ND
1,2,4-TRIMETHYLBENZENE	ND
1,3,5-TRIMETHYLBENZENE	ND
1,3-DICHLOROBENZENE	ND
2,2,4-TRIMETHYLPENTANE	890,000
4-METHYL-2-PENTANONE	ND
BENZENE	16,000
BROMOFLUOROBENZENE	145
CHLOROMETHANE	ND
CYCLOHEXANE	110,000
DICHLORODIFLUOROMETHANE	ND
ETHYLBENZENE	ND
HEXANE	320,000
ISOPROPYLBENZENE	ND
METHYLENE CHLORIDE	ND
N-PROPYLBENZENE	ND
SEC-BUTYLBENZENE	ND
TETRACHLOROETHYLENE	ND
TOLUENE	ND
TRICHLOROFLUOROMETHANE	ND
XYLENES	ND
OTHER VOCs	ND



N

0 10 20 40

Feet

LEGEND

- APPROXIMATE PROPERTY BOUNDARY (0.170 ACRES)
- MW-1 MONITORING WELL
- SB-1/ TMW-1 SOIL BORING/ TEMPORARY MONITORING WELL
- VAPOR PIN
- ug/m3 SOIL GAS RESULTS (2022)

NOTES:
- ND = NOT DETECTED
- SHADED GRAY RESULTS INDICATE THE RESULT EXCEEDS VIAP SCREENING LEVELS.

EXCEL

FIGURE 4.
SOIL GAS ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.

ECT

Tables

EXCERPT

Table 1. Soil Analytical Summary

400 and 410 East Third Street, Imlay City, MI

Matrix: Soil

Cleanup Criteria: Residential/Nonresidential

	Chemical Abstract Service Numbers	Statewide Default Background Levels	Part 201 Cleanup Criteria (June 2018)					VIAP (2020)		Sample Locations (and Depths)									
			Residential					Residential	Nonres	Historical Soil Results (2011 to 2015)					ECT 2022				
			Drinking Water Protection Criteria	GSI Protection Criteria	Soil Volatilization to Indoor Air Inhalation	Infinite Source Volatile Soil Inhalation	Direct Contact Criteria	Screening Levels	Screening Levels	HSB-B (14-15') HC 2/6/11	HSB-D (1-3') HC 2/16/11	HSB-H (5-6') HC 10/25/11	SB-01 (11') MSG 7/14/15	SB-04 (15') MSG 7/14/15	SB-1 (5-6) ECT 8/16/22	SB-2 (5-6) ECT 8/16/22	SB-3 (14-15') ECT 8/16/22	SB-4 (12-14') ECT 8/16/22	SB-5 (16-18') ECT 8/16/22	SB-6 (7-8') ECT 8/16/22	SB-1 DUP (5-6') ECT 8/16/22
VOC, ug/kg - Method 8260M, 8260																					
Benzene	71432	NA	100	240	1,600	13,000	180,000	**1.7**	**47**	nd	**96**	nd	nd	nd	**4,600**	<600	<79	<2400	<60	<240	**4,800**
Ethylbenzene	100414	NA	1,500	**360**	87,000	720,000	22,000,000	**12**	**340**	**520**	**960**	nd	**UNK**	**UNK**	**70,000**	**6,600**	<79	**71,000**	<60	**36,000**	**79,000**
Isopropylbenzene	98828	NA	91,000	3,200	400,000	1,700,000	25,000,000	**3.8**	**110**	**140**	**210**	nd	**2,000**	**250**	**6,500**	**1,300**	<79	**5,800**	<60	**6,700**	**7,700**
2-Methylnaphthalene	91576	NA	57,000	4,200	2,700,000	1,500,000	8,100,000	**1,700**	30,000	**2,000**	nd	nd	**UNK**	**2,900**	**36,000**	**6,700**	<400	**21,000**	<300	**25,000**	**44,000**
n-Propylbenzene	103651	NA	**1,600**	ID	ID	ID	2,500,000	**1,800**	21,000	530	470	nd	**6,200**	1,100	**27,000**	**5,700**	<79	**23,000**	<60	**18,000**	**32,000**
Naphthalene	91203	NA	35,000	**730**	250,000	300,000	16,000,000	**67**	1,900	**1,000**	**310**	nd	**UNK**	**660**	**29,000**	**6,000**	<400	**21,000**	<300	**22,000**	**34,000**
Toluene	108883	NA	16,000	5,400	330,000	2,800,000	50,000,000	3,700	64,000	200	970	nd	1,100	**UNK**	**46,000**	<600	<79	**15,000**	<60	430	**51,000**
1,2,3-Trimethylbenzene	526738	NA	NA	NA	NA	NA	NA	**270**	**4,800**	**1,100**	**770**	nd	**5,300**	**1,400**	**42,000**	**9,600**	<79	**33,000**	<60	**22,000**	**48,000**
1,2,4-Trimethylbenzene	95636	NA	**2,100**	**570**	4,300,000	21,000,000	32,000,000	**150**	2,600	**3,700**	**2,400**	nd	**UNK**	**UNK**	**190,000**	**44,000**	<79	**150,000**	<60	**120,000**	**220,000**
1,3,5-Trimethylbenzene	108678	NA	1,800	**1,100**	2,600,000	16,000,000	32,000,000	**100**	1,800	**1,400**	820	nd	**UNK**	**UNK**	**56,000**	**13,000**	<79	**45,000**	<60	**37,000**	**66,000**
Xylenes	1330207	NA	**5,600**	**980**	6,300,000	46,000,000	410,000,000	**280**	**5,000**	**3,500**	**5,800**	nd	**42,600**	**2,390**	**390,000**	**17,000**	<79	**376,000**	<60	**93,000**	**450,000**
2,2,4-Trimethylpentane	540841	NA	**ID**	**NA**	110,000	5,200,000	ID	**130**	**2,200**	na	na	na	na	na	**44,000**	**5,700**	<400	**55,000**	<300	**41,000**	**48,000**
Cyclohexane	108941	NA	**5,200,000**	**NA**	17,000	1,000,000	1,000,000,000	**68,000**	**1,200,000**	na	na	na	na	na	4,100	<3000	<400	15,000	<300	26,000	4,300
n-Hexane	110543	NA	**180,000**	**NA**	510,000	3,000,000	92,000,000	**25**	**440**	na	na	na	na	na	**19,000**	**1,900**	<79	**110,000**	<60	**69,000**	**20,000**
Methylcyclopentane	96377	NA	**ID**	**NA**	92,000	2,300,000	ID	**29**	**510**	na	na	na	na	na	**16,000**	**1,800**	<79	**74,000**	<60	**56,000**	**17,000**
n-Heptane	142825	NA	**46,000,000**	**NA**	1,500,000	21,000,000	990,000,000	**130**	**2,300**	na	na	na	na	na	**44,000**	**5,300**	<79	**61,000**	<60	**180,000**	**43,000**
sec-Butylbenzene	135988	NA	**1,600**	**ID**	ID	ID	2,500,000	**3,800**	**66,000**	na	na	na	na	na	3,000	730	<79	2,700	<60	2,900	3,700
Tetrahydrofuran	109999	NA	**1,900**	**7,700**	1,300,000	13,000,000	2,900,000	**13,000**	**220,000**	na	na	na	na	na	2,900	<3000	<400	<12000	<300	<1200	<1200
PAH, ug/kg - Method 8270																					
2-Methylnaphthalene	91576	NA	57,000	**4,200**	2,700,000	1,500,000	8,100,000	**1,700**	30,000	nd	nd	nd	nd	nd	**12,000**	**1,800**	na	na	na	**3,800**	**13,000**
Acenaphthene	83329	NA	300,000	8,700	190,000,000	81,000,000	41,000,000	200,000	3,600,000	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Acenaphthylene	208968	NA	5,900	ID	1,600,000	2,200,000	1,600,000	NA	NA	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Anthracene	120127	NA	41,000	ID	1,000,000,000	1,400,000,000	230,000,000	13,000,000	220,000,000	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Benzo(a)anthracene	56553	NA	NLL	NLL	NLV	NLV	20,000	160,000	11,000,000	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Benzo(a)pyrene	50328	NA	NLL	NLL	NLV	NLV	2,000	NA	NA	nd	nd	nd	nd	nd	<220	<220	na	na	na	<220	<220
Benzo(b)fluoranthene	205992	NA	NLL	NLL	ID	ID	20,000	NA	NA	nd	nd	nd	nd	nd	<220	<220	na	na	na	<220	<220
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLV	NLV	2,500,000	NA	NA	nd	nd	nd	nd	nd	<220	<220	na	na	na	<220	<220
Benzo(k)fluoranthene	207089	NA	NLL	NLL	NLV	NLV	200,000	NA	NA	nd	nd	nd	nd	nd	<220	<220	na	na	na	<220	<220
Chrysene	218019	NA	NLL	NLL	ID	ID	2,000,000	NA	NA	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Dibenzo(a,h)anthracene	53703	NA	NLL	NLL	NLV	NLV	2,000	NA	NA	nd	nd	nd	nd	nd	<220	<220	na	na	na	<220	<220
Fluoranthene	206440	NA	730,000	5,500	1,000,000,000	740,000,000	46,000,000	NA	NA	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Fluorene	86737	NA	390,000	5,300	580,000,000	130,000,000	27,000,000	470,000	8,300,000	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Indeno(1,2,3-cd)pyrene	193395	NA	NLL	NLL	NLV	NLV	20,000	NA	NA	nd	nd	nd	nd	nd	<220	<220	na	na	na	<220	<220
Naphthalene	91203	NA	35,000	**730**	250,000	300,000	16,000,000	**67**	**1,900**	nd	nd	nd	nd	nd	**7,100**	**1,200**	na	na	na	**2,500**	**7,400**
Phenanthrene	85018	NA	56,000	2,100	2,800,000	160,000	1,600,000	1,700	29,000	nd	nd	nd	nd	nd	110	<110	na	na	na	<110	120
Pyrene	129000	NA	480,000	ID	1,000,000,000	650,000,000	29,000,000	25,000,000	440,000,000	nd	nd	nd	nd	nd	<110	<110	na	na	na	<110	<110
Total Metals, ug/kg - Method 6020/7470/7471																					
Arsenic	7440382	5,800	4,600	4,600	NLV	NLV	7,600	NA	NA	na	na	na	na	na	5,400	5,700	na	na	na	na	na
Barium	7440393	75,000	1,300,000	440,000	NLV	NLV	37,000,000	NA	NA	na	na	na	na	na	31,000	26,000	na	na	na	na	na
Cadmium	7440439	1,200	6,000	3,000	NLV	NLV	550,000	NA	NA	na	na	na	na	na	<200	<200	na	na	na	na	na
Chromium	7440473	18,000	30,000	3,300	NLV	NLV	2,500,000	NA	NA	na	na	na	na	na	7,900	9,600	na	na	na	na	na
Copper	7440508	32,000	5,800,000	75,000	NLV	NLV	20,000,000	NA	NA	na	na	na	na	na	7,800	8,600	na	na	na	na	na
Lead (total)	7439921	21,000	700,000	2,500,000	NLV	NLV	400,000	NA	NA	na	na	na	na	na	4,500	5,200	na	na	na	na	na
Mercury (Total)	Varies	130	1,700	50	48,000	52,000	160,000	22	390	na	na	na	na	na	<50	<60	na	na	na	na	na
Selenium	7782492	**410**	4,000	**400**	NLV	NLV	2,600,000	NA	NA	na	na	na	na	na	700	600	na	na	na	na	na
Silver	7440224	1,000	4,500	100	NLV	NLV	2,500,000	NA	NA	na	na	na	na	na	<100	<100	na	na	na	na	na
Zinc	7440666	47,000	2,400,000	170,000	NLV	NLV	170,000,000	NA	NA	na	na	na	na	na	34,000	26,000	na	na	na	na	na

Abbreviations: ID = insufficient data to develop criterion
na = not analyzed
NA = not available
nd = not detected
NLL = not likely to leach under most soil conditions
NLV = not likely to volatilize under most conditions
UNK = unknown due to illegible value but reported to exceed cleanup criteria

Notes: bolded results indicates the result exceeds VIAP screening level, but not cleanup criteria
shaded result indicates the result exceeds cleanup criteria (for metals, shaded result exceeds both background levels and criteria)
shaded criterion or screening level indicates exceedance
Huron Consultants (HC) sourced from data tables
Mannik and Smith Group (MSG) sourced from data tables

Assumptions: hardness of receiving waters = 150 mg/L
protective for surface water that is used as a drinking water source

EXCERPT

Table 2. Groundwater Analytical Summary

400 and 410 East Third Street, Imlay City, MI

Matrix: Groundwater

Cleanup Criteria: Residential/Nonresidential

	Chemical Abstract Service Numbers	Part 201 Criteria (August 2020)			VIAP (2020)				Sample Locations										
		Residential	Res/Nonres	Residential	Residential		Nonresidential		Historical Groundwater Results (2010 to 2012)							ECT 2022			
		Drinking Water Criteria	GSI Criteria	Groundwater Volatization to Indoor Air	Shallow Groundwater	Groundwater Not in Contact	Shallow Groundwater	Groundwater Not in Contact	MW-5 AKT 3/26/10	MW-7 AKT 3/26/10	MW-1 HC 7/5/12	MW-5 HC 7/5/12	MW-12 HC 7/6/12	MW-D HC 7/5/12	MW-H HC 7/5/12	MW-1 (10-15') 8/16/22	TMW-3 (15-20') 8/16/22	TMW-4 (15-20') 8/16/22	TMW-6 (13-18') 8/16/22	TMW-6 (13-18') 8/16/22
VOC, ug/l - Method 8260																			
1,2,3-Trimethylbenzene	526738	NA	NA	NA	**43**	1,200	**150**	1,800	**150**	**55**	36	26	nd	4.6	2.9	<1.0	**440**	1.8	1.3	1.4
1,2,4-Trimethylbenzene	95636	**63**	**17**	56,000	**25**	**670**	**120**	**990**	**450**	5.7	**240**	**110**	nd	14	12	<1.0	**1,600**	7.0	2.9	6.1
1,2-Dichloroethane	107062	5.0	6.0	9,600	**1.4**	41	5.1	97	na	na	na	na	na	na	na	<1.0	<1.0	3.2	<1.0	3.7
1,3,5-Trimethylbenzene	108678	**72**	**45**	61,000	**18**	470	**110**	690	**99**	4.9	**110**	**19**	nd	4.6	2.3	<1.0	**380**	1.8	1.3	1.6
2,2,4-Trimethylpentane	540841	ID	NA	2,300	160	160	2,400	2,400	na	na	na	na	na	na	na	<5.0	13	<5.0	15	<5.0
2-Butanone (MEK)	78933	13,000	2,200	240,000,000	2,600	4,300,000	12,000	4,300,000	55	nd	nd	nd	nd	nd	nd	<5.0	13	<5.0	<5.0	5.1
2-Methylnaphthalene	91576	260	**19**	25,000	**66**	2,000	110	2,900	35	nd	59	39	nd	11	nd	<5.0	**100**	<5.0	<5.0	<5.0
2-Propanone (acetone)	67641	730	1,700	1,000,000,000	50,000	40,000,000	200,000	40,000,000	na	na	na	na	na	na	na	<20	34	<20	<20	<20
Benzene	71432	**5.0**	**12**	5,600	**1.0**	**28**	**8.4**	**66**	**71**	**5.2**	nd	**14**	nd	nd	nd	<1.0	**520**	**230**	<1.0	**230**
Cyclohexane	110827	NL	NL	NL	290	2,000	8,100	8,100	na	na	na	na	na	na	na	<5.0	200	64	<5.0	75
Ethylbenzene	100414	**74**	**18**	110,000	**2.8**	**74**	**28**	**170**	**260**	**150**	**61**	**44**	nd	1.1	2.1	<1.0	**1,300**	**98**	1.3	**110**
Hexane	110543	3,000	NA	12,000	**29**	**29**	1,000	1,000	na	na	na	na	na	na	na	<1.0	**190**	<1.0	<1.0	<1.0
Isopropylbenzene	98828	800	**28**	56,000	**0.60**	**15**	**6.7**	**36**	**22**	**19**	**9.7**	**4.0**	nd	nd	nd	<1.0	**70**	<1.0	<1.0	<1.0
Methylcyclopentane	96377	ID	NA	22,000	**30**	**93**	950	950	na	na	na	na	na	na	na	<1.0	**760**	**52**	7.9	**60**
Naphthalene	91203	520	**11**	31,000	**4.2**	**130**	**12**	**300**	**88**	**29**	**49**	**23**	nd	nd	nd	<5.0	**380**	<5.0	<5.0	<5.0
n-Butylbenzene	104518	80	ID	ID	44	1,100	360	1,600	11	3.7	5.7	3.9	nd	2.6	nd	<1.0	<1.0	<1.0	1.1	<1.0
n-Heptane	142825	2,700	NA	2,700	150	150	3,400	3,400	na	na	na	na	na	na	na	<1.0	14	<1.0	<1.0	<1.0
n-Propylbenzene	103651	**80**	ID	ID	**43**	6,100	970	6,100	**51**	26	20	12	nd	nd	nd	<1.0	**180**	<1.0	2.6	<1.0
sec-Butylbenzene	135988	80	ID	ID	270	8,100	400	12,000	5.4	2.7	3.7	3.5	nd	nd	nd	<1.0	5.7	<1.0	<1.0	<1.0
Toluene	108883	**790**	**270**	530,000	**300**	41,000	6,600	59,000	**1,100**	1.2	19	140	nd	4.5	2.7	<1.0	**5,200**	100	<1.0	110
Xylenes	1330207	**280**	**49**	190,000	**75**	**2,000**	**410**	**3,000**	**2,000**	**94**	**120**	**240**	nd	8	13	<3.0	**7,300**	**116**	<3.0	**128**
PAH, ug/kg - Method 8270																			
2-Methylnaphthalene	91576	260	19	25,000	66	2,000	110	2,900	na	na	na	na	na	na	na	na	na	na	<5.0	<5.0
Acenaphthene	83329	1,300	38	4,200	3,900	3,900	3,900	3,900	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Acenaphthylene	208968	52	ID	3,900	65	65	710	710	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Anthracene	120127	43	ID	43	43	43	43	43	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Benzo(a)anthracene	56553	2.1	ID	NLV	9.4	9.4	9.4	9.4	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Benzo(a)pyrene	50328	5.0	ID	NLV	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Benzo(b)fluoranthene	205992	1.5	ID	ID	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Benzo(g,h,i)perylene	191242	1.0	ID	NLV	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Benzo(k)fluoranthene	207089	1.0	NA	NLV	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Chrysene	218019	1.6	ID	ID	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Dibenzo(a,h)anthracene	53703	2.0	ID	NLV	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<2.0	<2.0
Fluoranthene	206440	210	1.6	210	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Fluorene	86737	880	12	2,000	1,700	1,700	1,700	1,700	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	193395	2.0	ID	NLV	NA	NA	NA	NA	na	na	na	na	na	na	na	na	na	na	<2.0	<2.0
Naphthalene	91203	520	11	31,000	4	130	12	300	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Phenanthrene	85018	52	2.0	1,000	10	290	15	420	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
Pyrene	129000	140	ID	140	140	140	140	140	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0

Abbreviations: ID = insufficient data to develop criterion
na = not analyzed
NA = not available
nd = not detected
NLV = not likely to volatilize under most conditions
VIAP = volatilization to indoor air pathway

Notes: bolded results indicates the result exceeds VIAP screening level, but not cleanup criteria
shaded result indicates the result exceeds cleanup criteria
shaded criterion or screening level indicates exceedance
AKT Peerless (AKT) sourced from data tables
Huron Consultants (HC) sourced from data tables

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Table 3. Soil Gas Analytical Summary

400 and 410 East Third Street, Imlay City, MI

Matrix: Subslab Soil Gas

Cleanup Criteria: Residential and Nonresidential

	Chemical Abstract Service Numbers	VIAP Screening Levels (09-2020)		Sample Locations (and Depths)			
		Residential Soil Vapor	Nonresidential Soil Vapor	VP-1 (subslab) 8/16/22	VP-2 (subslab) 8/16/22	VP-3 (subslab) 8/16/22	VP-4 (subslab) 8/16/22
VOC, ug/m^3 - Method TO-15							
1,2,3-Trimethylbenzene	526738	2,100	3,100	nd	4.1	110	3.7
1,2,4-Trimethylbenzene	95636	2,100	3,100	nd	12	400	15
1,3,5-Trimethylbenzene	108678	2,100	3,100	nd	4.2	170	4.4
1,3-Dichlorobenzene	541731	100	150	nd	1.8	nd	nd
2,2,4-Trimethylpentane	540841	120,000	180,000	**890,000**	10	41	3.7
4-Methyl-2-pentanone (MIBK)	108101	27,000	27,000	nd	nd	nd	7.3
Benzene	71432	110	260	**16,000**	7.9	7.4	2.6
Bromofluorobenzene	460004	NL	NL	145	nd	150	142
Chloromethane	74873	3,100	4,600	nd	nd	nd	0.65
Cyclohexane	110827	210,000	310,000	110,000	21	8.8	2.1
Dichlorodifluoromethane	75718	11,000	17,000	nd	2.4	nd	2.5
Ethylbenzene	100414	340	800	nd	12	130	13
Hexane	110543	24,000	36,000	**320,000**	14	nd	35
Isopropylbenzene	98828	81	190	nd	2.4	24	nd
Methylene chloride	75092	21,000	31,000	nd	2.0	nd	nd
n-Propylbenzene	103651	33,000	33,000	nd	3.3	68	3.2
sec-Butylbenzene	135988	14	20	nd	nd	11	nd
Tetrachloroethylene	127184	1,400	1,400	nd	47	nd	8.9
Toluene	108883	170,000	250,000	nd	24	150	26
Trichlorofluoromethane	75694	15,000	22,000	nd	1.6	nd	nd
Xylenes	1330207	7,600	11,000	nd	37	730	53
Other VOCs	varies	varies	varies	nd	nd	nd	nd

Notes: nd = not detected
NA = not available
NL = not listed in the VIAP source tables

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August 7, 2023
ECT No. 220365-0100

Ms. Janet Michaluk
Michigan Department of Environment, Great Lakes, and Energy
525 West Allegan Street
Lansing, Michigan 48933

Mr. Mike Dausey
Sage Creek Winery Property, LLC
35050 Bordman
Memphis, Michigan 48041

Re: Phase I Environmental Site Assessment
Former Sign Shop
400 and 410 East Third Street
Imlay City, Michigan

EXCERPT

Dear Ms. Michaluk and Mr. Dausey:

Environmental Consulting & Technology, Inc. (ECT) is pleased to provide this Phase I Environmental Site Assessment (ESA) for the above-referenced property. This assessment was performed in accordance with the ASTM Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21). This Phase I ESA is valid through November 13, 2023, after which time certain components of this report may need to be updated. The date(s) of the most recent searches for environmental liens may alter this viability date. We appreciate the opportunity to work with you. Please feel free to contact us at 313.963.6600 should you have any questions concerning this report, or if we may assist you in any other matter.

Sincerely,

Environmental Consulting & Technology, Inc.

Maura Gibbons
Environmental Scientist

Dirk Mammen
Vice President

Phase I Environmental Site Assessment
Former Sign Shop Property
400 and 410 East Third Street
Imlay City, Lapeer County, Michigan 48444

August 7, 2023
ECT No. 220365-0100

Prepared For:
Michigan Department of Environment, Great Lakes, and Energy

on Behalf of:
Sage Creek Winery Property, LLC
35050 Bordman
Memphis, Michigan 48041

1155 Brewery Park Boulevard, Suite 115
Detroit, Michigan 48207
313.963.6600

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PROJECT SUMMARY TABLE

Former Sign Shop
400 and 410 East Third Street
Imlay City, Lapeer County, Michigan

Report Section		None	REC	CREC	HREC	DMC	Comments
3.0	Subject Property and Vicinity Descriptions	✔					
4.0	User Provided Information	✔					
5.0	Historical Review		✔				REC #1: Known environmental impact from historical automotive maintenance operations. REC #2: Known environmental impact from previous LUST incidents.
6.0	Regulatory Database Review		✔				REC #2: See above.
7.0	Regulatory Agency Records Review		✔				REC #2: See above.
9.0	Interviews	✔					
10.2	Underground Storage Tanks	✔					REC #2: See above.
10.3	Unidentified Substance Containers	✔					
10.4	Drains, Sumps, Clarifiers, or Pools of Liquid		✔				REC #1: See above.
10.5	Solid Waste Disposal, Fill Materials, or Debris	✔					
10.6	Wells		✔				REC #2: See above.
10.7	Other Field Observations	✔					

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Common Acronyms and Abbreviations

AST	Aboveground Storage Tank
AAI	All Appropriate Inquiry
AUL	Activity and Use Limitation
ACM	Asbestos-Containing Material
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
BER	Business Environmental Risk
CESQG	Conditionally Exempt Small Quantity Generator
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CREC	Controlled Recognized Environmental Condition
DMC	*De Minimis* Condition
ECHO	Enforcement and Compliance History Online
ECT	Environmental Consulting & Technology, Inc.
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FRS	Facility Registry Service
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LBP	Lead-Based Paint
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MTBE	Methyl tert-butyl ether
NREPA	Natural Resources Environmental Protection Act, 1994 PA, as amended
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
NPL	National Priority List
NPMS	National Pipeline Mapping System
NFA/NFR	No Further Action/Remediation
NOV	Notice of Violation
NRCS	Natural Resources Conservation Service
PPB	Parts per Billion
PPM	Parts per Million
PID	Photoionization Detector
PCE	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene, PERC
PIN	Parcel Identification Number
PCB	Polychlorinated Biphenyls
PAH	Polycyclic Aromatic Hydrocarbon
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SDS	Safety Data Sheet
SVOC	Semi-Volatile Organic Compound
SDG	Significant Data Gap
SQG	Small Quantity Generator
SEMS	Superfund Enterprise Management System
SWF/LF	Solid Waste Facilities/Landfill
TCE	Trichloroethylene, Trichloroethene
TMB	Trimethylbenzene
TPH	Total Petroleum Hydrocarbons
TSDF	Treatment, Storage or Disposal Facility
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VIAP	Volatilization to Indoor Air Pathway
VSQG	Very Small Quantity Generator
VOC	Volatile Organic Compound

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1.0 Executive Summary

Environmental Consulting & Technology, Inc. (ECT) was retained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) (the Client) on behalf of Sage Creek Winery Property, LLC (the User) to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21) and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the Former Sign Shop property located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 1.2.2 and Section 2.5 of this report.

1.1 Property Description

The Subject Property currently consists of approximately 0.170 acres, developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is currently vacant except for some Imlay City Department of Public Works (DPW) implement storage, such as gardening supplies.

A USGS Topographic Map is provided as **Figure 1** and a Subject Property Overview is provided as **Figure 2**. A land survey and a copy of available property assessment records is included in the appendices (**Property Records**). It should be noted that the Subject Property is notated as "Parcel B4" on the land survey and was recently split from Parcel #I19-59-100-000-00 (the former larger parent parcel) in 2023.

1.2 Evaluation

1.2.1 Findings and Opinions

Based on the information revealed as part of this Phase I ESA, ECT has identified the following findings and offers the below opinions as part of this Phase I ESA:

- **REC #1: Known environmental impact from historical automotive maintenance operations.** Based on a review of historical sources, such as fire insurance maps and city directories (refer to Section 5.2), the Subject Property was historically occupied by the Imlay City Water Works garage (approximately 1920s-1970s) and Jets Collision (1990s). These historical occupants likely involved the use and/or storage of hazardous substances and petroleum products due to typical operations of automotive maintenance activities.

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In addition, during the site reconnaissance, ECT observed a sloped trench connected to a floor drain within the former garage area (refer to Section 10.4), situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight sheen. Based on analytical data from a Phase II ESA performed in November 2022 by ECT (refer to Section 5.4), elevated VOCs and PAHs were identified in soil samples surrounding the trench and floor drain at the former garage area with concentrations exceeding the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels and the volatilization to indoor air pathway (VIAP) screening levels. It is the opinion of the EP that this finding constitutes a REC and a vapor encroachment condition (VEC).

- **REC #2: Known environmental impact from previous LUST incidents.** Based on reviewing regulatory database listings (refer Section 6.2) and supporting historical investigation reports (refer to Section 5.4 and Section 7.1) for the Subject Property and the south adjoining property (part of the former parent parcel), three gasoline and/or diesel fuel underground storage tanks (USTs) have been removed from the premises between 1994 and 2002. Confirmed leaking underground storage tank (LUST) releases were reported following the removal of each UST, and currently, all LUST incidents remain open. Additionally, limited information was available for a former heating oil UST that was situated along the eastern exterior edge of the structure. Various consultants have conducted historical activities as a result of the LUST incidents, including UST removals, soil excavation and disposal, soil and groundwater sampling, remediation system installation and operation, and vacuum enhanced recovery to remove product from monitoring wells. Based on the analytical results of recent sampling investigations, soil and groundwater at the Subject Property remain impacted with various VOCs, including but not limited to benzene, ethylbenzene, 2-methylnaphalene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, toluene, and xylenes with concentrations exceeding the EGLE Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels. Additionally, the concentrations of several volatiles also exceed the residential and nonresidential VIAP screening levels. It is the opinion of the EP that this finding constitutes a REC and a VEC.

Results of the most recent sampling investigation (ECT, 2022) are summarized in **Figures 3-5** (**Figure 3** Soil Analytical Summary, **Figure 4** Groundwater Analytical Summary, and **Figure 5** Soil Gas Analytical Summary) and in the attached **Data Tables** (**Table 1** Soil Analytical Summary, **Table 2** Groundwater Analytical Summary, **Table 3** Soil Gas Analytical Summary). Based on the exceedance of the Part

EXCERPT

201 Cleanup Criteria/Part 213 Risk-Based Screening Levels, the Subject Property is considered a "facility/property" as defined by the Natural Resources Environmental Protection Act, 1994 PA, as amended (NREPA). Therefore, should a property transfer occur, ECT recommends conducting a Baseline Environmental Assessment (BEA) for liability protection within 45 days of property acquisition with submittal to EGLE within six months of property acquisition.

Although considered a non-scope consideration, based on the age of the structure, suspect asbestos-containing materials, (i.e. floor tiles, wall/ceiling boards, dropped ceiling tiles) and chipping paint suspected as supporting lead were observed at the Subject Property.

1.2.2 Data Failure and Data Gaps

According to ASTM E1527-21, a data failure occurs when all the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-21, historical sources are required to identify the use of the property at five-year intervals back to first developed use or 1940, whichever is earlier. A data failure is a type of data gap (defined below).

A data gap is defined by ASTM E1527-21 as a lack or inability to obtain information required by the 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 the practice, including, but not limited to the site reconnaissance and interviews.

The following data failures and/or data gaps have been identified as part of this assessment:

- The ASTM standard requires that all obvious uses of the property shall be identified from the present at five-year intervals, back to the property's first developed use, or back to 1940, whichever is earlier. There are occasional gaps in the five-year intervals of the historical sources provided to ECT; therefore, this represents a data failure. However, based on the amount of information able to be reviewed, ECT does not believe this represents a significant data gap to the conclusions of this report.
- ECT requested any available documentation pertaining to the Subject Property or its vicinity from the Lapeer County Heath Department and Imlay City Fire Department; however, both agencies indicated that they do not maintain records for municipal properties. Based on the quality of information obtained from other sources (e.g., historical documentation, interviews, regulatory sources, site reconnaissance, etc.), ECT does not believe this represents a significant data gap.

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No other data failures or data gaps were identified in this Phase I ESA.

1.2.3 Conclusions

Mr. Dirk Mammen, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1: Known environmental impact from historical automotive maintenance operations.**
- **REC #2: Known environmental impact from previous LUST incidents.**

Based on the exceedance of the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels, the Subject Property is considered a "facility/property" as defined by NREPA. Therefore, should a property transfer occur, ECT recommends conducting a BEA for liability protection within 45 days of property acquisition with submittal to EGLE within six months of property acquisition.

1.2.4 Additional Investigation

In accordance with ASTM E1527-21, the EP shall provide an opinion as to whether additional investigation to detect the presence of hazardous substances or petroleum products is warranted. This opinion does not render the assessment incomplete, nor is it intended to represent a recommendation. **Based on the findings of the previous investigations (refer to Section 5.4) that contained reliable information, it is the opinion of the EP that additional investigation is not warranted for the Subject Property.**

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2.0 Purpose and Scope of Work

This report documents the methods and findings of the Phase I ESA performed in conformance with the scope and limitations of ASTM Standard Practice E1527-21 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR 312) for the property located at 400 and 410 East Third Street in Imlay City, Lapeer County, Michigan.

2.1 Scope of Work

The purpose of ASTM Practice E1527-21 is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of commercial and real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601) and petroleum products. Any exceptions to, or deletions from, this practice are described in Section 1.2.2 and Section 2.5 of this report.

The Phase I ESA conducted by ECT included, but was not limited to, the following services:

- A site visit of the Subject Property to look for evidence of a release(s) or potential release of petroleum products and hazardous materials;
- Observations of adjacent properties and the vicinity of the Subject Property;
- Interviews with individuals familiar with the Subject Property, as available;
- Review of regulatory agency and local files, as necessary;
- Review of historical documents, as available; and
- Preparation of a report presenting ECT's findings, including a summary of conclusions and recommendations, if requested.

The objective of Phase I ESAs is to provide all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B) 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 on CERCLA liability (a.k.a., landowner liability protections). The goal of Phase I ESAs is to identify current, historical, and controlled RECs and *de minimis* conditions in connection with the property, to the extent feasible pursuant to the processes prescribed in the ASTM E1527-21 guidelines. The terms current, historical, and controlled RECs and *de minimis* conditions are defined by ASTM in the following paragraphs.

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A REC is (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.

A controlled REC is a REC 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).

A historical REC is 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.

A *de minimis* condition is 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.

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2.2 Continued Viability of Phase I ESA

According to ASTM Practice E1527-21, a Phase I ESA meeting or exceeding the standard and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a User different than the User for whom the assessment was originally prepared, the subsequent User must also satisfy the User's Responsibilities outlined in Section 6 of ASTM Standard Practice E1527-21.

A Phase I ESA meeting or exceeding ASTM E1527-21 requirements and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided

that the below detailed components of the inquires were conducted or updated within 180 days of the date of purchase, or the date of the intended transaction. The initial collection or inquiry dates for each required component as applicable to this report have been detailed in the table below.

REPORT COMPONENT	INITIAL DATE OF COLLECTION OR INQUIRY
(i) Interviews with Owners, Operators, and Occupants	**June 13, 2023**
(ii) Searches for Recorded Environmental Liens	**Not provided**
(iii) Reviews of Federal, Tribal, State, and Local Government Records	**May 17, 2023**
(iv) Visual Inspection of the Property and of Adjoining Properties	**June 13, 2023**
(v) Declaration by the EP responsible for the assessment or update	**August 7, 2023**

2.3 Significant Assumptions

ECT assumes that the information provided by the regulatory database electronic search report provider, the regulatory agencies, the local unit of government, and the current Subject Property owner(s) is true and reliable.

2.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ECT and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon any information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of determining the potential for contamination through limited research and investigative activities

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and in no way represents a conclusive or complete site characterization. Conditions in other parts of the Subject Property may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in ESA conclusions cannot reasonably be achieved.

ECT, therefore, does not provide any guarantees, certifications, or warranties that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

2.5 Limiting Conditions and Deviations

The performance of this Phase I ESA was limited by the following:

- There was no interior access to the subgrade crawl space area, which is situated along the northern wall of the western portion of the structure. Due to this limitation, the extent and size of the crawl space is unknown. However, ECT visually inspected the crawl space from the opening on the first floor, and during the site reconnaissance, ECT did not observe any standing liquid or noxious odors within the crawl space.

Based on the nature of this limitation, it is the opinion of the EP that this limitation does not impact ECT's ability to identify RECs.

2.6 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls (PCBs), lead-based paint, or the assessment of natural hazards such as naturally occurring asbestos, radon, or methane gas, assessment of the potential presence of radionuclides, or assessment of non-chemical hazards such as the potential for damage from earthquakes or floods. This Phase I ESA also did not include an extensive assessment of the environmental compliance status of the Subject Property or of the businesses that have operated on-site, or a health-based risk assessment.

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2.7 User Reliance

This Phase I ESA was conducted for the use of and reliance by EGLE and Sage Creek Winery Property, LLC and their assignees and may be relied upon by these parties only. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

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3.0 Subject Property and Vicinity Descriptions

3.1 Subject Property Characteristics

A USGS Topographic Map is provided as **Figure 1** and a Subject Property Overview is provided as **Figure 2**. A land survey and a copy of available property assessment records is included in the appendices (**Property Records**). It should be noted that the Subject Property is notated as "Parcel B4" on the land survey and was recently split from Parcel #I19-59-100-000-00 (the former larger parent parcel) in 2023.

A summary of the Subject Property is included in the table below.

SUBJECT PROPERTY DETAILS	
Location	400 and 410 East Third Street, Imlay City, Lapeer County, Michigan 48444
Historical Address(es)	398 East Third Street Source: Fire Insurance Maps
Parcel Number(s)	Parcel #I19-59-100-003-00 Source: BS&A Imlay City
Approximate Acreage	0.170 acres Source: Land Survey; BS&A Imlay City
Owner Entity Name	Imlay City Source: BS&A Imlay City
BUILDING INFORMATION	
Number of Buildings	One
Date(s) of Construction	~1920s (western portion) and ~1930s (eastern portion)
Number of Floors	One
Size (square footage)	Approximately 2,300-square feet
Basement/Subgrade Area(s)	Crawl space along northern wall of western portion; extent/size is unknown.
Occupant(s)	Vacant
Property Use	Mostly vacant except for some Imlay City implement storage.
UTILITY INFORMATION	
Heating/Cooling Source	Natural gas
Potable Water Source	Municipal
Sewage Disposal Provider	Municipal
REGULATORY INFORMATION	
Regulatory Database Listings	Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part 201, RCRA-VSQG, UST, & WDS
Activity and Use Limitations (AULs)	None
Environmental Liens	None

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The Subject Property currently consists of 0.170 acres, developed with an approximately 2,300-square foot commercial structure and paved parking lot. The structure is mostly vacant except for some Imlay City DPW implement storage, such as gardening supplies. The western portion of the structure is comprised mostly of office spaces, and the eastern portion of the structure is comprised of a former garage area including a bay door (currently out-of-use).

3.2 Vicinity Characteristics

A summary of the surrounding properties is included in the table below.

DIRECTION	OCCUPANT/USE	REGULATORY DATABASE LISTING(S)
North	East Third Street followed by a police station/ambulance services.	None
South	Driveway access followed by a pole barn occupied by the Department of Public Works (part of former parent parcel).	Same listings as Subject Property: Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part 201, RCRA-VSQG, UST, & WDS
East	Multi-retail businesses, including a tattoo shop, hair salon, music store, nail salon, and phone store.	BEA & Historical Auto
West	Imlay City exterior implement storage (part of former parent parcel), followed by a parking lot, followed by a fire station.	None

Refer to Section 6.0 for a discussion of regulatory database listings.

3.3 Physical Setting

The physical setting of the Subject Property is described in the table below.

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TOPOGRAPHY	
USGS Topographic Quadrangle	*Imlay City*, *Michigan* (2019)
Approximate Elevation	815 feet above mean sea level
Nearest surface water	The North Branch Belle River is located over 1/4 mile to the east, and a tributary of the river is located within 1/4 mile to the southeast.
Source: USGS Topographic Map	
SOILS	
Soil Classification	Miami
Soil Type	Loam
Drainage Class	Well Drained
Source: EDR Radius Map Report	
GEOLOGY	
Physiographic Region	Southern Upland
Geologic Formation	Coldwater Shale
Bedrock	Paleozoic Era, Mississippian System, Osagean and Kinderhookian Series
Sources: MSU Physiographic Region Map, EDR Radius Map Report, and EGLE GeoWebFace	
HYDROLOGY	
Estimated Groundwater Flow[1]	East-southeast
Estimated Depth to Groundwater	Between 9 and 16 feet below ground surface.
Sources: USGS Topographic Map, Prior Reports (Section 5.4)	

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1. Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types of location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development, such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

4.0 User Provided Information

The User of this report is Sage Creek Winery Property, LLC. Mr. Mike Dausey, Director and authorized representative of Sage Creek Winery Property, LLC, completed a User Questionnaire on July 5, 2023. A copy of the completed User Questionnaire is included in the appendices (**User Provided Information**). The User's responses have been summarized in the table below.

QUESTIONS	YES	NO	COMMENTS
Did a search of recorded land title records (or judicial records where appropriate[2]) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?	☐	✔	Date of search: Not provided
Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state, or local law?	☐	✔	Date of search: Not provided
Do you have any specialized knowledge or experience related to the property or nearby properties?	☐	✔	
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	✔	☐	
Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	☐	✔	
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?	☐	✔	

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Any prior environmental reports provided by the User have been summarized in Section 5.4.

2. In certain jurisdictions, federal, tribal, state, or local statues, or regulations specify that environmental liens and AULs be filed in judicial records rather than land title records. In such cases, judicial records must be searched for environmental liens and AULs.

4.1 Reason for Performing Phase I ESA

The reason for performing this Phase I ESA is to satisfy CERCLA requirements to quality for the innocent landowner, contiguous property owner, or bona fide prospective purchaser LLPs.

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5.0 Historical Review

5.1 Historical Sources Reviewed

ECT reviewed the following reasonably ascertainable standard historical sources, as described in ASTM E1527-21, to determine the previous uses and occupancies of the Subject Property, adjoining properties, and surrounding area.

Aerial photographs, topographic maps, fire insurance maps, and city directories were obtained from Environmental Data Resources, Inc. (EDR). These records are provided in the appendices (**Historical Sources**). Additionally, ECT reviewed available aerial photographs on Google Earth™. The below table summarizes available historical source coverage for the Subject Property.

Dates	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories
No Coverage	☐	☐	☐	☐
Prior to 1940	✔	☐	✔	☐
1940 - 1945	✔	☐	☐	☐
1946 - 1950	☐	☐	☐	☐
1951 - 1955	☐	☐	✔	☐
1956 - 1960	✔	☐	☐	☐
1961 - 1965	✔	✔	☐	☐
1966 - 1970	☐	☐	☐	☐
1971 - 1975	☐	☐	☐	✔
1976 - 1980	✔	☐	☐	✔
1981 - 1985	✔	☐	☐	✔
1986 - 1990	✔	☐	☐	✔
1991 - 1995	☐	☐	☐	✔
1996 - 2000	✔	☐	☐	✔
2001 - 2005	☐	☐	☐	✔
2006 - 2010	✔	☐	☐	✔
2011 - 2015	✔	✔	☐	✔
2016 - 2020	✔	✔	☐	✔
Current	☐	☐	☐	☐

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5.2 Subject Property Historical Summary

Based upon review of the available historical sources, a chronological summary of historical data for the Subject Property is included below.

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1922 - 1964	The Subject Property appears to be occupied by the Imlay City Water Works, including a garage/ tool house and a water tower/gravity tank. A building addition (eastern portion) appears on the garage/tool house by the 1934 fire insurance map.	Fire insurance maps Aerial photographs
1974-2010	By the 1978 aerial, the water tower/gravity tank is no longer visible, but the remainder of the Subject Property appears unchanged. Between the city directories dated 1974 and 2000, the Subject Property appears to be predominantly occupied by the local municipality, such as the fire, police, and ambulance services; however, these listings may encompass the south and west adjoining structures. Additionally, Jets Collision and Imlay Signs are also listed as occupants on the city directories dated 1992-1995 and 2000-2010, respectively.	Aerial photographs City directories
2016-Current	The structure appears unchanged, but the Subject Property is vacant.	Aerial photographs Site reconnaissance Owner interview

The Subject Property was historically occupied by the Imlay City Water Works garage (approximately 1920s-1970s) and Jets Collision (1990s). These historical occupants likely involved the use and/or storage of hazardous substances and petroleum products due to typical operations of automotive maintenance activities. In addition, during the site reconnaissance, ECT observed a sloped trench connected to a floor drain within the former garage area (refer to Section 10.4), situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight sheen. **Based on analytical data from a Phase II ESA performed in November 2022 by ECT (refer to Section 5.4), elevated VOCs and PAHs were identified in soil samples surrounding the trench and floor drain at the former garage area of the structure with concentrations exceeding the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels and VIAP screening levels. It is the opinion of the EP that this finding constitutes a REC.**

5.3 Surrounding Area Historical Summary

Based upon review of the available historical sources, a chronological summary of historical data for the surrounding area is included below.

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DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
	NORTH	
1928-1983	Situated on the other side of East Third Street, a factory plant labeled as "Almont Manufacturer Co." is depicted on the northwest surrounding area on the fire insurance maps. The factory plant appears on the aerial photographs and/or city directories dated through 1983. The north adjoining property appears mostly unimproved.	Fire insurance maps Aerial photographs City directories
1987-2000	By the aerial photograph dated 1987, the factory plant appears to have been demolished. Instead, a commercial structure surrounded by parking lots is visible on the north adjoining property. Based on city directories, this structure appears to have been occupied by the Lapeer County government.	Aerial photographs City directories
2005-Current	The north adjoining property appears to be occupied by the Imlay City police department and Lapeer County EMS.	Topographic maps City directories Site reconnaissance

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
	SOUTH	
1922-1934	A railroad easement is depicted approximately 150 feet from the Subject Property. The south adjoining property appears largely unimproved except for storage shed(s) and a coal yard further west.	Fire insurance maps
1938-1964	A commercial structure surrounded by a circular driveway appears approximately 30 feet from the Subject Property. The structure is labeled as a "street department warehouse" on the fire insurance map dated 1953.	Aerial photographs Fire insurance maps
1974-Current	Building additions are visible at the south adjoining structure on the aerial photographs dated 1978 and 1987. Based on the city directories, site reconnaissance, and information from the owner, this structure has been occupied by the local municipality as early as 1974, including the Department of Public Works.	Aerial photographs City directories Site reconnaissance Owner interview

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DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
EAST		
1938-1941	The east adjoining property appears unimproved.	Aerial photographs
1957-1977	A commercial structure surrounded by a parking lot appears on the east adjoining property. As early as the city directory dated 1974, this structure appears to be occupied by Schoenhals Motor Sales.	Aerial photographs City directory
1982-Current	As early as the city directory dated 1982, the east adjoining property appears to be occupied by various retail businesses, and a building addition is visible as early as the aerial photograph dated 1983.	Aerial photographs City directory Site reconnaissance

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCES(S)
WEST		
1922-1953	An 80,000-gallon reservoir is depicted directly west of the Subject Property. As early as the fire insurance map dated 1953, an office and coal yard is depicted further west.	Fire insurance maps
1957-1964	The reservoir remains visible on the aerial photographs, and further west appears to have been developed into a parking lot.	Aerial photographs
1974-2000	The reservoir directly adjoining the Subject Property is no longer visible, and a commercial structure appears approximately 150 feet from the Subject Property. Based on the city directories, ECT believes this structure may have been occupied by the local municipality, such as the fire, police, and/or ambulance services between 1974 and 2000.	Aerial photographs City directories
2014-Current	The west adjoining property is occupied by a fire station.	Topographic maps Site reconnaissance

5.4 Prior Environmental Reports

ECT was provided with the following prior environmental reports for the Subject Property and/or the former parent parcel (includes the south adjoining structure). Refer to the appendices (**Prior Report Excerpts**).

It should be noted that information obtained from the prior environmental reports may have been used for guidance of the site reconnaissance portion of this Phase I ESA; however, no prior reports were relied upon without the completion of a new site reconnaissance.

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2015 LIMITED SOIL GAS VAPOR STUDY	
Document Name:	Limited Soil Gas Vapor Study Report: Former DPW Building, 400-410 East Third Street, Imlay City, Lapeer County, Michigan
Prepared By:	Huron Consultants
Date:	April 10, 2015
Provided By:	EGLE/Imlay City

In March 2015, five soil gas vapor points (VSP-1 through VSP-5) were placed within the DPW building (part of former parent parcel) adjoining the Subject Property to the south to investigate environmental impacts related to previous LUST incidents (refer to Section 7.1). Five vapor samples were collected from the vapor points for the analysis of VOCs. Several VOC constituents were detected in the samples, but none of the concentrations were reported to exceed the Draft Acute Exposure Immediate Response Screening Levels. However, it should be noted that screening levels have been updated since this investigation. No soil gas samples were collected from the building at the Subject Property.

ECT was also provided with analytical results of additional soil gas samples from 2017. However, there was no indication of the sample locations; ECT assumes the samples were collected from the south adjoining DPW building rather than the Subject Property.

2015 LIMITED SITE INVESTIGATION	
Document Name:	Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763
Prepared By:	Mannik & Smith Group, Inc.
Date:	August 25, 2015
Provided By:	EGLE/Imlay City

In July 2015, ten soil borings (SB-01 through SB-10) were advanced using direct-push technologies to a maximum depth of 25 feet below ground surface (bgs) at the Subject Property and the south adjoining property (part of former parent parcel) to investigate environmental impacts related to previous LUST incidents (refer to Section 7.1). Soils were generally characterized as sand, silt, and sandy clay, and groundwater was reported as being encountered between five and 10 feet bgs. Indication of petroleum impact was observed at all borings. In total, ten vadose soil samples, five saturated soil samples, and five groundwater samples were submitted for laboratory analysis. Throughout the soil and groundwater samples, concentrations of 1,2,4-TMB, 1,3,5-TMB, 2-methylnaphthalene, benzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, sec-butylbenzene, and toluene were found to exceed several EGLE Part 201 cleanup criteria.

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Specific to the boundary of the Subject Property included borings SB-01 and SB-04, in which soil samples reportedly contained concentrations of ethylbenzene, 2-methylnaphthalene, naphthalene, n-propylbenzene, 1,2,4-TMB, 1,3,5-TMB, and toluene exceeding the regulatory cleanup criteria. It should be noted that some numerical values on the data tables were illegible, and laboratory reports were not available. Therefore, ECT was not able to compare all results to the current cleanup criteria and/or VIAP screening levels. Lastly, no groundwater samples were collected from these borings at the Subject Property.

2022 PHASE I ESA	
Document Name:	Phase I ESA: 400 and 410 East Third Street, Imlay City, Michigan
Prepared By:	ECT
Date:	August 1, 2022
Provided By:	ECT/EGLE

This abovementioned Phase I ESA was prepared for EGLE in accordance with ASTM E1527-13 on behalf of Lapeer Development Corporation and included the same boundary for this current assessment. Site conditions of the Subject Property have not changed since the 2022 assessment. The following RECs were identified:

- REC #1: Historical automotive maintenance operations between the 1920s and 1990s.
- REC #2: Known environmental impact from LUST incidents that currently remain open.

2022 PHASE II ESA	
Document Name:	Phase II ESA: 400 and 410 East Third Street, Imlay City, Lapeer County, Michigan
Prepared By:	ECT
Date:	November 9, 2022
Provided By:	ECT/EGLE

The purpose of the Phase II ESA was to evaluate potential environmental impact from identified RECs from the 2022 Phase I ESA. A summary of the investigations and results compared to the Part 213 Risk-Based Screening Levels and VIAP Screening Levels are below:

Four soil borings (SB-3 through SB-6) were advanced to a maximum depth of 20 feet bgs using direct-push drilling technologies along the exterior perimeter of the building. Two soil borings (SB-1 and SB-2) were advanced to a maximum depth of six feet bgs using a hand auger inside the building due to limited access of a drilling rig. The subsurface soil type from the surface to approximately 12 feet bgs was predominantly clay which was underlaid by sand to approximately 20 feet bgs. Intermittent sand layers were occasionally observed in the soil borings. One soil sample was collected from each boring and analyzed for VOCs, PAHs, and Michigan Ten Metals. Elevated concentrations of numerous VOCs were detected in the soil samples from SB-1, SB-2, SB-4, and SB-6 exceeding the

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drinking water protection (DWP), groundwater-surface water interface protection (GSIP) , and VIAP residential and nonresidential screening levels. Elevated PAH concentrations were detected in all four soil samples exceeding the GSIP cleanup criteria and VIAP screening levels. Lastly, elevated selenium concentrations were identified but were below the regional background soil survey concentrations.

Four temporary groundwater monitoring wells (TMW-3 through TMW-6) were installed at the four soil borings (SB-3 through SB-6) situated along the exterior perimeter of the building. Groundwater depth was reported between 9 and 16 feet bgs at the time of the subsurface investigation. One groundwater sample was collected at each location and analyzed for VOCs and PAHs; however, TMW-5 was found dry. Additionally, one groundwater sample was also collected from an existing monitoring well (MW-1) for the analysis of VOCs. Elevated VOCs were identified at TMW-3, TMW-4, and TMW-6 exceeding the DWP, GSIP, and VIAP residential and nonresidential screening levels. No PAHs were identified in the groundwater samples analyzed for PAHs.

Four sub-slab vapor pins (VP-1 through VP-4) were advanced within the interior of the structure to assess sub-slab soil gas conditions. One soil gas sample was collected in a one-liter bottlevac canister for analysis of VOCs. Elevated VOC concentrations were identified at VP-1 exceeding the residential and nonresidential soil vapor screening levels. Several VOCs were identified in the remaining soil gas samples, but their concentrations were below the VIAP residential and nonresidential screening levels.

Results of the most recent sampling investigation are summarized in **Figures 3-5** and in the attached **Data Tables** . Based on the exceedance of the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels, the Subject Property is considered a "facility/property" as defined by NREPA. Refer to Section 7.1 for additional summaries of historical investigations from various LUST incidents.

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6.0 Regulatory Database Review

6.1 Database Finding Summary

ECT contracted Environmental Data Resources, Inc. (EDR) to conduct a search of publicly available information from federal, state, tribal, and local environmental record sources in accordance with ASTM E1527-21. Data gathered during the regulatory database search is compiled by EDR into a government records report (i.e., database report). This government records report is dated May 17, 2023.

The standard databases researched in accordance with ASTM E1527-21 requirements are listed below.

Standard Environmental Record Sources (where available)	Approximate Minimum Search Distance (miles)
Federal Sources	
NPL list	1.0
Delisted NPL list	0.50
CERCLIS list	0.50
CERCLIS-No Further Remedial Action Planned (NFRAP) list	0.50
RCRA Corrective Action (CORRACTS) facilities list	1.0
RCRA non-CORRACTS TSD facilities list	0.50
RCRA generators list	SP and Adjoining
Federal institutional control/engineering control registries	SP
Federal Emergency Response Notification System (ERNS) list	SP
State Sources	
State- and tribal-equivalent NPL	1.0
State- and tribal-equivalent CERCLIS	0.50
State and tribal landfill and/or solid waste disposal site lists	0.50
State and tribal leaking storage tank lists	0.50
State and tribal registered storage tank lists	SP and Adjoining
State and tribal institutional control/engineering control registries	SP
State and tribal voluntary cleanup sites	0.5
State and tribal Brownfield sites	0.50
SP = Subject Property *Italicized* = State and tribal lists of hazardous waste sites identified for investigation or remediation	

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The database report, which includes a search of standard and additional record sources, identified the following listings for the Subject Property and/or surrounding area. For full details pertaining to the databases searched, refer to the database report included in the appendices (**Regulatory Database Report**).

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
RCRA-VSQG	0.250	1	2	4	NR	NR	7
LUST	0.500	1	3	2	7	NR	13
UST	0.250	1	4	4	NR	NR	9
AST	0.250	0	3	1	NR	NR	4
AUL	0.500	0	3	1	1	NR	5
BROWNFIELDS	0.500	1	0	0	0	NR	1
INVENTORY	0.500	2	6	4	5	NR	17
PART 201	1.000	1	0	0	0	1	2
RCRA NonGen / NLR	0.250	0	2	3	NR	NR	5
FINDS	0.001	1	0	NR	NR	NR	1
ECHO	0.001	1	0	NR	NR	NR	1
BEA	0.500	0	8	1	4	NR	13
DRYCLEANERS	0.250	0	0	2	NR	NR	2
WDS	0.001	2	0	NR	NR	NR	2
EDR Hist Auto	0.125	0	2	NR	NR	NR	2
RGA PART 201	0.001	1	0	NR	NR	NR	1
RGA LUST	0.001	2	0	NR	NR	NR	2

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6.2 Subject Property Listings

The Subject Property and/or the former parent parcel were listed on the following regulatory databases:

SITE NAME	ADDRESS	DATABASE(S)
City of Imlay Public Works	400 East Third Street	Inventory, LUST, RGA LUST, UST, & WDS
400 & 410 East Third Street	400 & 410 East Third Street	Brownfields, Part 201, & RGA Part 201
City of Imlay	410 East Third Street	ECHO, FINDS, RCRA-VSQG & WDS

The Subject Property was listed on the Inventory database under the Part 213 Program, indicating that environmental impact has been identified from LUST incident(s) at the Subject Property. Three LUST incidents (#C-0744-94, #C-0039-02, #C-0470-02) regarding gasoline and/or diesel fuel have been reported at the Subject Property in 1994 and 2002, and the status of all three LUST incidents currently remain open. Three former USTs (ranging between 275- and 2,000-gallons) reportedly have been removed from the ground between 1994 and 2002; no active USTs are reported at the Subject Property. Refer to Section 7.1 for additional details.

The Subject Property was also listed on the Brownfield and Part 201 databases for pollutants of 1,2,4-TMB, benzene, ethylbenzene, toluene, and xylenes; however, the media (i.e. soil, groundwater) impacted was not reported. Lastly, various types of waste activities have likely occurred at the Subject Property, evident by the listings on the WDS, RCRA-VSQG, ECHO, and FINDS databases; however, no significant compliance violations were identified.

6.3 Surrounding Properties

Each surrounding property listing identified within the searched radius of the Subject Property was evaluated using ECT's professional judgement to determine its potential impact to the Subject Property. The distance of the listing from the Subject Property was included in ECT's evaluation, as well as the listing details, the regional topography, and the estimated groundwater flow. Based on ECT's evaluation, surrounding properties of potential environmental significance in relation to the Subject Property have been summarized below.

SCHOENHALS MOTOR SALES INC	
Location:	420 East Third Street
Distance:	Adjoining
Direction:	East
Database(s):	BEA & EDR Hist Auto

This above-mentioned site reportedly operated as a car dealership between 1969 and 1979, and a BEA (#1133) was submitted on February 2, 2007 which indicates that environmental impact has been identified. Refer to Section 7.1 for additional details regarding this adjoining site.

JER EQUIPMENT	
Location:	379 East Second Street
Distance:	200 feet
Direction:	South (other side of railroad easement)
Database(s):	AST

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This above-mentioned site was listed in the AST database for the storage of 500-gallons of liquefied petroleum gas. The AST is reported as currently in-use and was installed in 2016. No releases have been reported at this adjoining site. Based on the separation of the railroad and the lack of releases observed/identified, ECT does not believe this listing represents an environmental risk to the Subject Property.

TOTAL BULK PLANT/IMLAY CITY OIL	
Location:	100 & 110 North Cedar Street
Distance:	250 feet
Direction:	East (other side of North Van Dyke Road)
Database(s):	AST, AUL, AIRS, BEA, ECHO, FINDS, Inventory, LUST, RCRA-VSQG, UST, & WDS

This above-mentioned site formerly operated as a bulk petroleum facility and has two open LUST incidents. A restrictive covenant (RC-RRD-213-17-135) has been placed as an institutional control to restrict residential land use, groundwater consumption, and soil excavation. Based on the direction of groundwater flow, ECT does not believe this listing represents an environmental risk to the Subject Property.

Although many other properties in the surrounding area are listed in various environmental databases, ECT does not believe they are environmentally significant to the Subject Property based on their relative distances and/or inferred direction of groundwater flow.

6.4 Unmappable Properties

EDR also provides an unmappable (or "orphan") summary list which identifies properties that cannot be mapped due to poor or inadequate address information. No orphan (i.e. unmappable) sites were identified by EDR.

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7.0 Regulatory Agency Records Review

7.1 State Environmental Agency

ECT requested regulatory files associated with the database listings for the Subject Property, the former parent parcel, and the east adjoining property. Records were requested from EGLE via their online FOIA portal system, and an extensive amount of files related to the Subject Property and its former parent parcel were provided to ECT. A summary of the pertinent records reviewed is provided below.

1994 CONFIRMED RELEASE REPORT	
Document Name:	Confirmed Release Report: City of Imlay Department of Public Works
Prepared By:	WW Engineering & Science, Inc.
Date:	July 19, 1994
Comments:	Release identified on July 18, 1994 at UST #1 (2,000-gallon diesel) and UST #2 (2,000-gallon gasoline) based on laboratory test results.

1995 HYDROGEOLOGIC INVESTIGATION	
Document Name:	Phase II Hydrogeologic Investigation Work Plan: Department of Public Works
Prepared By:	Earth Tech
Date:	February 1995
Comments:	Approximately 65 cubic yards of soil were removed during the removal of the UST #1 and UST #2, as well as free product recovery.

2002 CONFIRMED RELEASE REPORT	
Document Name:	Confirmed Release Report: City of Imlay Public Works
Prepared By:	AKT Peerless Environmental Services
Date:	January 24, 2002
Comments:	Release identified on January 23, 2002 at UST #3 (275-gallon gasoline) based on stained soil and strong petroleum odor.

2003 FINAL ASSESSMENT REPORT	
Document Name:	Final Assessment Report: 400 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	September 23, 2003
Comments:	A vacuum recovery unit and remedial system were utilized, in which a total of 49,829 gallons of impacted water and free product were recovered.

2007 STATUS REPORT	
Document Name:	Free Product and Corrective Action Plan State Report: 400, 410, and 420 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	April 20, 2007
Comments:	Reported that additional impacted soil was excavated in March 2006 (occurring at east adjoining property). Free product had not been observed since June 2004.

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2010 CORRECTIVE ACTION STATUS REPORT	
Document Name:	Corrective Action Plan Status Report: 400, 410, and 420 East Third Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	September 2, 2010
Comments:	Included additional groundwater monitoring activities. Contamination plume was deemed stable.

2013 CLOSURE REPORT	
Document Name:	Leaking Underground Storage Tank Closure Report: City of Imlay City Former DPW
Prepared By:	Huron Consultants
Date:	February 18, 2013
Comments:	Between 2011 and 2012, Huron Consultants conducted additional groundwater monitoring and soil boring/sampling activities. No free product (LNAPL) was observed during the events.

2015 LIMITED SITE INVESTIGATION	
Document Name:	Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763
Prepared By:	Mannik & Smith Group, Inc.
Date:	August 25, 2015
Comments:	Summary provided in Section 5.4.

2017 CORRESPONDANCE	
Document Name:	Confirmed Underground Storage Tank Site Release at 400 East Third Street, Imlay City, Lapeer County, Michigan; Facility ID 0-0014763
Prepared By:	Michigan Department of Environmental Quality
Date:	July 27, 2016 and March 17, 2017
Comments:	Sub-slab soil gas samples were collected from the east adjoining property. The analytical data was not included, but it is reported that results were below the residential and nonresidential soil gas screening levels.

In summary, three USTs have been removed from the Subject Property and/or former parent parcel: UST #1 (2,000-gallon gasoline) and UST #2 (2,000-gallon diesel) were removed on June 23, 1994 and UST #3 (275-gallon gasoline) was removed on January 22, 2002. Confirmed releases were reported following the removal of each UST; currently, all LUST incidents remain open. Additionally, limited information was available for a former heating oil UST that was formerly situated directly north of UST #3. A summary of the historical storage tanks associated with the Subject Property and/or the former parent parcel is provided below; refer to **Figure 2** for their locations.

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UST No.	Size/Content	Removal Date
UST #1	2,000-gallon gasoline	June 23, 1994
UST #2	2,000-gallon diesel	June 23, 1994
UST #3	275-gallon gasoline	January 22, 2002
N/A	500-gallon heating oil	Unknown. Limited information is available regarding this tank except for being depicted on historical site maps as "removed."

Various consultants have conducted historical activities as a result of the LUST incidents, including UST removals, soil excavation and disposal, soil and groundwater sampling, remediation system installation and operation, and vacuum enhanced recovery to remove product from monitoring wells. In total, approximately 925-gallons of free product, approximately 86,852-gallons of groundwater, and approximately 805 cubic yards of impacted soil were removed, recovered, and/or remediated. Groundwater has been encountered as shallow as five feet and as deep as 18 feet below ground. Impacted groundwater has reportedly migrated in the easterly and southeasterly directions and has impacted surrounding properties. Light non-aqueous phase liquids (LNAPL) (formerly called free product) has not been observed since June 2004.

ECT evaluated analytical results post remedial activities, including results from the the 2013 Closure Report (Huron Consultants), the 2015 Limited Investigation (Mannik & Smith Group), and the 2022 Phase I ESA (ECT) summarized in Section 5.4. Excerpts from these reports are included in the appendices (**Prior Report Excerpts**). **Based on the analytical results of recent sampling investigations (2011-2022), soil and groundwater at the Subject Property remain impacted with various VOCs, including but not limited to benzene, ethylbenzene, 2-methylnaphalene, naphthalene, n-propylbenzene, 1,2,4-TMB, 1,3,5-TMB, toluene, and xylenes with concentrations exceeding the EGLE Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels. Additionally, the concentrations of several VOCs also exceed the residential and nonresidential VIAP screening levels. It is the opinion of the EP that this finding constitutes a REC.**

EXCERPT

Lastly, a summary of the records reviewed regarding the east adjoining property is provided below:

2007 BEA (EAST ADJOINING - SCHOENHALS MOTOR SALES INC)	
Document Name:	Baseline Environmental Assessment: 418-420 East Third Street and 21 North Cedar Street, Imlay City, Michigan
Prepared By:	AKT Peerless Environmental Services
Date:	January 23, 2007
Comments:	The east adjoining property operated as an automotive dealership and/or service station as early as the 1930s until the 1970s.

Based on analytical results from soil and groundwater sampling conducted between 2005 and 2006, migration of petroleum impact to the soil and groundwater was identified at the east adjoining property from the LUST incidents at the Subject Property and former parent parcel. BTEX compounds, 1,2,3-TMB, 1,3,5-TMB, naphthalene, and/or lead were identified in soil and groundwater samples with concentrations exceeding the Part 201 Cleanup Criteria/Part 213 Risk-Based Screening Levels.

7.2 Oil and Gas Pipelines/Wells

ECT reviewed the National Pipeline Mapping System (NPMS) to evaluate if pipelines are located at the Subject Property. No pipelines are located on or within close proximity of the Subject Property. In addition, ECT reviewed the EGLE Oil, Gas, and Minerals Division's GeoWebFace. According to the EGLE Oil, Gas, and Minerals Division, no active or inactive oil/gas wells are depicted on or directly adjoining the Subject Property.

EXCERPT

8.0 Vapor Encroachment Screening

A Vapor Encroachment Screening was conducted in general accordance with ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. A Vapor Encroachment Condition (VEC) is the presence or likely presence of COC vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property. This screening is intended to reduce, but not eliminate, uncertainty regarding whether or not a VEC exists in connection with a property.

Based on previous investigations conducted at the Subject Property onsite and directly adjoining the Subject Property to the south, a VEC exists at the Subject Property due the elevated concentrations of volatile and semi-volatile compounds present in soil, groundwater, and soil gas. Refer to the analytical summaries provided in Section 5.4 and Section 7.1.

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9.0 Interviews

9.1 Past and Present Owners

The Subject Property is owned by Imlay City. ECT interviewed Mr. Brett Shelby, Imlay City Police Officer, during the site reconnaissance on June 13, 2023. No additional information was provided to ECT since the interview with Ms. Lorrelei Natke, former Director of Imlay City Downtown Development Authority during the 2022 Phase I ESA. Both representatives were aware that extensive sampling investigations have been historically conducted at the Subject Property and/or former parent parcel. Documentation is included in the appendices (**Owner Interview Documentation**).

9.2 Local Government Officials

The following local government officials were interviewed as part of this assessment:

COUNTY HEALTH	
Agency:	Lapeer County Heath Department
Contact Name:	Ms. Edith Baker
Title:	Not disclosed
Method:	Telephone
Comments:	Indicated that the county does not maintain records for municipal properties.

LOCAL FIRE	
Agency:	Imlay City Fire Department
Contact Name:	Mr. Rick Horton
Title:	Fire Chief
Method:	Telephone
Comments:	Indicated they do not maintain records for municipal properties. He indicated there has been historical soil sampling, but was not aware of copies of records.

Copies of state and/or local government correspondence and any provided documents are included in the appendices (**Local Interview Documentation**).

EXCERPT

10.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW	
Site Reconnaissance Date:	June 13, 2023
ECT Assessor(s) Name & Title:	Ms. Maura Gibbons - Scientist
Escort & Relationship to Property:	Mr. Brett Shelby, Imlay City Police Officer
Methodology:	Walking inspection of the entire Subject Property and interior buildings unless otherwise disclosed as a limiting condition (see below; refer to Section 2.5).
Access Limitations:	No access to subgrade crawl space; visually inspected from opening of first floor.
SUBJECT PROPERTY CONDITIONS	
Weather:	Approx. 60°F and sunny
General Topography:	Generally flat with an abrupt slope along eastern boundary.
Current Use:	Subject Property is mostly vacant except for some Imlay City implement storage (garden pots, traffic barricades, fence posts, etc.).
Roads and Corridors:	East Third Street and a driveway access borders the northern and southern edges of the Subject Property, respectively.
Other Transportation Corridors:	A railroad easement is located approximately 100 feet to the south.
Exterior Storage Areas:	Imlay City implement storage to the west of the structure, including traffic barricades and fence posts.
Surface Water:	None

10.1 Subject Property Reconnaissance Summary

Photographs taken during the reconnaissance are provided in the appendices (**Photographic Documentation**).

OBSERVATION	YES	NO
Hazardous Substances and/or Petroleum Products in Connection with Property Use	☐	✔
Hazardous Substances and/or Petroleum Products not in Connection with Property Use	☐	✔
Aboveground Storage Tanks (ASTs)	☐	✔
Underground Storage Tanks (USTs), vent pipes, fill pipes, or access ways indicating USTs may be present	☐	✔
Unidentified Substance Containers	☐	✔
Strong, Pungent, or Noxious Odors	☐	✔
Drains, Sumps, Clarifiers, or Pools of Liquid	✔	☐
Electrical or Hydraulic Equipment Likely to Contain Fluids	☐	✔
Staining or Stressed Vegetation	☐	✔
Pits, Ponds, Ditches, Streams, or Lagoons	☐	✔
Solid Waste Disposal	☐	✔
Evidence of Fill Materials or Dumping of Debris	✔	☐
Wastewater or Storm Water Discharges	☐	✔
Wells	✔	☐

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OBSERVATION	YES	NO
Septic Systems	☐	✔
Other	✔	☐

10.2 Underground Storage Tanks

There are no current or active USTs present at the Subject Property. A suspect remaining vent pipe is located along the eastern wall of the building related to a former heating oil tank. Refer to Section 7.1 for a summary of historical USTs associated with the Subject Property and/or former parent parcel.

10.3 Unidentified Substance Containers

Three 55-gallon metal storage drums were observed on the west and south adjoining properties. Two of the drums were observed to the west in connection with other Imlay City implement storage, and one of drums was observed to the south towards the railroad easement. All adjoining drums appeared empty, and no ground staining was observed surrounding the drums. No other unidentified containers were observed on or adjoining the Subject Property at the time of the site reconnaissance.

10.4 Drains, Sumps, Clarifiers, or Pools of Liquid

ECT observed a sloped trench connected to a floor drain within the former garage area, situated within the eastern portion of the structure. Standing liquid was observed within the floor drain with evidence of a slight oil sheen. No odors were observed at the floor drain. Refer Section 5.2 for a discussion of historical automotive operations at the Subject Property.

10.5 Solid Waste Disposal, Fill Materials, or Debris

To the west of the structure, ECT observed exterior implement storage and/or solid waste, such as former concrete traffic barricades and fence posts. Based on the type of materials observed, ECT does not believe the presence of the implement storage represents an environmental risk to the Subject Property.

10.6 Wells

Numerous monitoring wells were observed on and adjoining the Subject Property, primarily to the east and south of the structure, in connection with the historic LUST investigation activities (refer Section 7.1). The monitoring wells appeared in varying conditions, with some wells missing surface

EXCERPT

coverings. A former groundwater remedial system was observed approximately 75 feet to the south of the Subject Property also in connection with the historic LUST remedial activities. The system appeared inactive.

In addition, a former water cistern (concrete square structure) was observed approximately 60 feet to the west from the Subject Property. Based on information from the owner representatives and ascertainable information from a Phase I ESA that was prepared for the former parent parcel (406 East Third Street) by AKT Peerless and dated July 14, 2023, the cistern is connected to an 80,000-gallon reservoir and has been inactive since the 1950s. The cistern reportedly still contains water.

10.7 Other Field Observations

Although considered a non-scope consideration, based on the age of the structure, suspect asbestos-containing materials, (i.e. floor tiles, wall/ceiling boards, dropped ceiling tiles) and chipping paint suspected as support lead were observed at the Subject Property.

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11.0 Environmental Professional Statement

I, Dirk Mammen, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §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. A copy of the EP's resume, as well as others involved in the completion of this assessment, are included in the appendices (**Resumes of Environmental Consultants**).

Dirk Mammen
Vice President
Environmental Professional

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12.0 Non-Scope Considerations

No non-scope considerations as defined in Appendix X5 of ASTM E1527-21 were included as part of this assessment.

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13.0 References

REFERENCED ITEM OR AGENCY	PUBLICATION OR INQUIRY DATE(S)	SOURCE
Aerial Photographs	May 17, 2023	EDR
	March 24, 2019	Google Earth™
Assessor Information	August 1, 2023	BS&A Imlay City
City Directories	May 19, 2023	EDR
Depth to Groundwater Information	2022	ECT
Fire Department(s)	May 31, 2022	Imlay City Fire Department
Fire Insurance Maps	May 17, 2023	EDR
Geology Information	May 17, 2023	EDR
	May 17, 2023	EGLE GeoWebFace
	May 17, 2023	MSU Physiographic Region Map
Health Department(s)	May 27, 2022	Lapeer County Heath Department
Oil and Gas Authority	May 17, 2023	EGLE Oil, Gas, and Minerals Division
Owner Interview	June 13, 2023	Mr. Brett Shelby, Imlay City Police Officer
Pipeline Information	May 17, 2023	NPMS
Regulatory Database Report	May 17, 2023	EDR
Soils Information	May 17, 2022	EDR
Standard Practice	2021	ASTM Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*
State Environmental Agency	May 2022	EGLE
Topographic Maps	2019	USGS (*Imlay City*, *Michigan*)
	May 17, 2023	EDR

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Appendix G

Regulatory Database Report

Former Sign Shop
400 East Third Street
Imlay City, MI 48444

Inquiry Number: 7512464.2s
December 05, 2023

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

400 EAST THIRD STREET
IMLAY CITY, MI 48444

COORDINATES

Latitude (North):	43.0237410 - 43° 1' 25.46''
Longitude (West):	83.0724230 - 83° 4' 20.72''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	331137.9
UTM Y (Meters):	4765320.5
Elevation:	812 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14451134 IMLAY CITY, MI
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200702
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
400 EAST THIRD STREET
IMLAY CITY, MI 48444

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CITY OF IMLAY CITY/P	400 E THIRD ST	RGA LUST		TP
A2	CITY OF IMLAY CITY/P	400 E 3RD ST	RGA LUST		TP
A3	CITY OF IMLAY	400 E 3RD ST	RCRA-VSQG, FINDS, ECHO		TP
A4		400 EAST THIRD STREE	BROWNFIELDS		TP
A5	400 & 410 EAST THIRD	400 & 410 E. THIRD S	BROWNFIELDS, PART 201		TP
A6	400 & 410 EAST THIRD	400 & 410 E. THIRD S	RGA PART 201		TP
A7	IMLAY CITY. DEPT OF	400 EAST THIRD STREE	INVENTORY, VCP		TP
A8	CITY OF IMLAY CITY/P	400 E 3RD ST	LUST, UST, INVENTORY, WDS		TP
A9	420 EAST THIRD STREE	420 EAST THIRD STREE	VCP	Higher	1 ft.
A10	SCHOENHALS MOTOR SAL	420 E THIRD ST	EDR Hist Auto	Higher	1 ft.
A11	420 EAST THIRD STREE	420 EAST THIRD STREE	INVENTORY, BEA	Higher	1 ft.
A12	481-420 E THIRD STRE	481-420 E THIRD STRE	VCP	Higher	89, 0.017, North
A13	481-420 E THIRD STRE	481-420 E THIRD STRE	INVENTORY, BEA	Higher	89, 0.017, North
B14	TOTAL BULK PLANT #05	110 N CEDAR ST	LUST, UST, INVENTORY, BEA	Higher	229, 0.043, East
B15	TOTAL BULK PLANT #05	100 NORTH CEDAR	AUL	Higher	246, 0.047, East
B16	TOTAL PETROLEUM (NOR	100 N CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	246, 0.047, East
B17	IMLAY CITY OIL	100 N CEDAR ST	AST	Higher	246, 0.047, East
B18	MRP PROPERTIES, LLC	100 N CEDAR STREET	AUL, AIRS, WDS	Higher	246, 0.047, East
C19	JER EQUIPMENT	379 E 2ND ST	AST	Higher	303, 0.057, South
C20	18 NORTH CEDAR STREE	18 NORTH CEDAR STREE	INVENTORY, BEA, VCP	Higher	347, 0.066, SSE
D21	325 EAST SECOND STRE	325 EAST SECOND STRE	INVENTORY, BEA, VCP	Higher	402, 0.076, SW
D22	MOLD MASTERS CO	325 E 2ND ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	402, 0.076, SW
D23	DTE ENERGY/MICH CON	255 E 2ND ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	414, 0.078, SW
E24	E J GREEN	150 N CEDAR ST	LUST, UST, AUL, INVENTORY, BEA, WDS	Lower	465, 0.088, NE
E25	GREEN ELDEN JAMES	150 N CEDAR ST	EDR Hist Auto	Lower	465, 0.088, NE
F26	FORMER QUALITY TOWIN	120 N MAIN ST	LUST, UST, INVENTORY, BEA	Higher	478, 0.091, WNW
F27	THE COUNTRY CORNER	244 E 3RD ST	UST	Higher	570, 0.108, West
D28	300 E SECOND STREET	300 E SECOND STREET	VCP	Higher	588, 0.111, SW
D29	300 E SECOND STREET	300 E SECOND STREET	INVENTORY, BEA	Higher	588, 0.111, SW
E30	172 NORTH CEDAR STRE	172 NORTH CEDAR STRE	INVENTORY, BEA, VCP	Higher	619, 0.117, NE
G31	THERMOGAS CO	225 S CEDAR ST	AST	Higher	658, 0.125, SSE
G32	AUTOZONE INC	225 S CEDAR ST	RCRA-VSQG	Higher	658, 0.125, SSE
H33		213 EAST THIRD SREET	BROWNFIELDS	Higher	782, 0.148, WNW
H34	ARTPLACE CLEANERS	213 E THIRD ST	RCRA-VSQG, FINDS, ECHO	Higher	782, 0.148, WNW
H35	FORMER ARTPLACE CLEA	213 EAST THIRD STREE	INVENTORY, DRYCLEANERS, WDS, VCP	Higher	782, 0.148, WNW
I36	SPEEDWAY #8391	310 CEDAR ST	LUST, UST, INVENTORY, Financial Assurance	Higher	862, 0.163, South
I37	SPEEDWAY SUPERAMERIC	310 S CEDAR STREET	AUL, AIRS, WDS	Higher	918, 0.174, South
I38	SPEEDWAY LLC	310 S CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	918, 0.174, South
J39	LAPEER COUNTY CO-OP	140 E 2ND ST	UST	Higher	951, 0.180, WSW

MAPPED SITES SUMMARY

Target Property Address:
400 EAST THIRD STREET
IMLAY CITY, MI 48444

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	MI DEPT/AGRICULTURE	140 E 2ND ST	RCRA NonGen / NLR	Higher	951, 0.180, WSW
J41	140 EAST 2ND STREET	140 EAST 2ND STREET	INVENTORY, BEA, WDS, VCP	Higher	951, 0.180, WSW
H42	CLOTHES BASKET CLEAN	144 EAST THIRD STREE	DRYCLEANERS	Higher	989, 0.187, West
H43	COLES CLEANERS INC	144 E 3RD ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	989, 0.187, West
H44	144 EAST 3RD STREET,	144 EAST 3RD STREET	INVENTORY, WDS, VCP	Higher	989, 0.187, West
I45	VERIZON NORTH INC	311 S CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	1029, 0.195, South
I46	GTE NORTH, INC	311 S CEDAR ST	LUST, UST, WDS	Higher	1029, 0.195, South
I47	DODGE CS AND SON AND	320 S CEDAR ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1067, 0.202, South
K48	STYLE TECH'S	101 E THIRD ST	RCRA-VSQG	Higher	1242, 0.235, WNW
49	GTE NORTH INC	155 E 4TH ST	UST	Higher	1260, 0.239, NW
50	AMERIGAS EAGLE	600 E 1ST ST	AST	Lower	1292, 0.245, ESE
51	COUNTRY CORNER	345 N CEDAR ST	LUST	Higher	1399, 0.265, North
K52	W NEIL SPINK DDS	110 W 3RD ST	LUST, UST	Higher	1420, 0.269, WNW
53	PELINE PROPERTY / MC	587 S CEDAR ST	LUST, UST, INVENTORY, BEA	Higher	2190, 0.415, South
54	QWIK STOP #7	557 N CEDAR ST	LUST, UST, INVENTORY, BEA, WDS	Higher	2239, 0.424, North
L55	IMLAY QUICKMART INC	546 N CEDAR ST	LUST, UST, WDS	Higher	2281, 0.432, NNE
L56	J & J IMLAY CITY LLC	546 N CEDAR ST	INVENTORY, BEA, Financial Assurance	Higher	2281, 0.432, NNE
L57	EZ QUICK MART INC #1	546 NORTH CEDAR	AUL	Higher	2281, 0.432, NNE
58	430 EAST CAPAC ROAD	430 EAST CAPAC ROAD	INVENTORY, BEA, VCP	Higher	2405, 0.455, North
59	SOUTH CEDAR STEEL	599 S CEDAR ST	LUST, UST, RCRA NonGen / NLR, FINDS, ECHO, AIRS,...	Higher	2442, 0.463, SSE
60	PARSCH AUTOMOTIVE	314 CAPAC RD	LUST, UST, INVENTORY, Financial Assurance	Higher	2444, 0.463, NNW
61	OMNI INTERNATIONAL	611 INDUSTRIAL PARKW	INVENTORY, PART 201, BEA, NPDES, WDS, VCP	Lower	2913, 0.552, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
CITY OF IMLAY CITY/P 400 E THIRD ST IMLAY CITY, MI	RGA LUST Facility ID: 0-014763	N/A
CITY OF IMLAY CITY/P 400 E 3RD ST IMLAY CITY, MI	RGA LUST Facility ID: 14763 Facility ID: 00014763	N/A
CITY OF IMLAY 400 E 3RD ST IMLAY CITY, MI 48444	RCRA-VSQG EPA ID:: MIR000047290 FINDS Registry ID:: 110006413185 ECHO Registry ID: 110006413185	MIR000047290
400 EAST THIRD STREE 400 EAST THIRD STREE IMLAY, MI	BROWNFIELDS Database: BROWNFIELDS, Date of Government Version: 05/08/2023	N/A
400 & 410 EAST THIRD 400 & 410 E. THIRD S IMLAY CITY, MI 48444	BROWNFIELDS Database: BROWNFIELDS, Date of Government Version: 05/08/2023 Ernie Id Number: 44000109 PART 201 Facility Status: See Leaking Underground Storage Tank Site Database Facility ID: 44000109	N/A
400 & 410 EAST THIRD 400 & 410 E. THIRD S IMLAY CITY, MI	RGA PART 201 Facility ID: 4400010 Facility ID: 44000109	N/A
IMLAY CITY. DEPT OF 400 EAST THIRD STREE IMLAY CITY, MI 48444	INVENTORY Facility ID: 44000046 VCP	N/A
CITY OF IMLAY CITY/P 400 E 3RD ST IMLAY CITY, MI 48444	LUST Release Status: Open	N/A

EXECUTIVE SUMMARY

Substance Release: Gasoline
Substance Release: Diesel,Gasoline
Facility Id: 14763
Facility Id: 00014763

UST
Database: UST, Date of Government Version: 06/02/2023
Tank Status: Removed from Ground
Facility Type: CLOSED
Facility Id: 00014763

INVENTORY
Facility ID: 14763

WDS
Site Id: MIR000047290
WMD Id: 413877

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

HIST LF ..... Inactive Solid Waste Facilities
SWRCY ..... Recycling 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

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

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

PFAS TRIS ---- List of PFAS Added to the TRI
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS ECHO ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
PFAS ---- PFAS Contaminated Sites Listing
AIRS ---- Permit and Emissions Inventory Data
ASBESTOS ---- ASBESTOS
COAL ASH ---- Coal Ash Disposal Sites
Financial Assurance ---- Financial Assurance Information Listing
LEAD ---- Lead Safe Housing Registry
LEAD ---- Lead Safe Housing Registry
NPDES ---- List of Active NPDES Permits
UIC ---- Underground Injection Wells Database
SSCUP ---- State Owned Sites Cleanup Program List

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 LF ---- Recovered Government Archive Solid Waste Facilities List

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 RCRA generators

EXECUTIVE SUMMARY

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 07/24/2023 has revealed that there are 6 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOTAL PETROLEUM (NOR EPA ID:: MI0001026046	***100 N CEDAR ST***	***E 0 - 1/8 (0.047 mi.)***	***B16***	***24***
AUTOZONE INC EPA ID:: MIK677543514	225 S CEDAR ST	SSE 0 - 1/8 (0.125 mi.)	G32	63
ARTPLACE CLEANERS EPA ID:: MID017143959	***213 E THIRD ST***	***WNW 1/8 - 1/4 (0.148 mi.)***	***H34***	***66***
SPEEDWAY LLC EPA ID:: MI0000961854	***310 S CEDAR ST***	***S 1/8 - 1/4 (0.174 mi.)***	***I38***	***81***
VERIZON NORTH INC EPA ID:: MID124231481	***311 S CEDAR ST***	***S 1/8 - 1/4 (0.195 mi.)***	***I45***	***94***
STYLE TECH'S EPA ID:: MIK174921930	101 E THIRD ST	WNW 1/8 - 1/4 (0.235 mi.)	K48	105

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 08/08/2023 has revealed that there are 12 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOTAL BULK PLANT #05 Release Status: Closed Release Status: Open Substance Release: Gasoline Facility Id: 10659 Facility Id: 00010659	***110 N CEDAR ST***	***E 0 - 1/8 (0.043 mi.)***	***B14***	***21***
FORMER QUALITY TOWIN Release Status: Open Substance Release: Used Oil Facility Id: 41746 Facility Id: 00041746	***120 N MAIN ST***	***WNW 0 - 1/8 (0.091 mi.)***	***F26***	***55***
SPEEDWAY #8391 Release Status: Open Facility Id: 901 Facility Id: 00000901	***310 CEDAR ST***	***S 1/8 - 1/4 (0.163 mi.)***	***I36***	***70***
GTE NORTH, INC	***311 S CEDAR ST***	***S 1/8 - 1/4 (0.195 mi.)***	***I46***	***99***

Release Status: Closed
Substance Release: Gasoline
Facility Id: 11214
Facility Id: 00011214

COUNTRY CORNER — 345 N CEDAR ST — N 1/4 - 1/2 (0.265 mi.) — 51 — 109
Release Status: Closed
Facility Id: 50000104

W NEIL SPINK DDS — ***110 W 3RD ST*** — ***WNW 1/4 - 1/2 (0.269 mi.)*** — ***K52*** — ***110***
Release Status: Closed
Substance Release: Used Oil
Facility Id: 00041744
Facility Id: 41744

PELINE PROPERTY / MC — ***587 S CEDAR ST*** — ***S 1/4 - 1/2 (0.415 mi.)*** — ***53*** — ***113***
Release Status: Open
Substance Release: Unknown
Facility Id: 00036390
Facility Id: 36390

QWIK STOP #7 — ***557 N CEDAR ST*** — ***N 1/4 - 1/2 (0.424 mi.)*** — ***54*** — ***115***
Release Status: Open
Facility Id: 16549
Facility Id: 00016549

IMLAY QUICKMART INC — ***546 N CEDAR ST*** — ***NNE 1/4 - 1/2 (0.432 mi.)*** — ***L55*** — ***123***
Release Status: Open
Release Status: Closed
Substance Release: Gasoline
Facility Id: 10667
Facility Id: 00010667

SOUTH CEDAR STEEL — ***599 S CEDAR ST*** — ***SSE 1/4 - 1/2 (0.463 mi.)*** — ***59*** — ***134***
Release Status: Closed
Substance Release: Unknown
Facility Id: 37934
Facility Id: 00037934

PARSCH AUTOMOTIVE — ***314 CAPAC RD*** — ***NNW 1/4 - 1/2 (0.463 mi.)*** — ***60*** — ***165***
Release Status: Closed
Substance Release: Gasoline
Facility Id: 00018276
Facility Id: 18276

Lower Elevation	Address	Direction / Distance	Map ID	Page

E J GREEN — ***150 N CEDAR ST*** — ***NE 0 - 1/8 (0.088 mi.)*** — ***E24*** — ***43***
Release Status: Open
Substance Release: Unknown
Substance Release: Diesel
Facility Id: 17772
Facility Id: 00017772

EXECUTIVE SUMMARY

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
TOTAL BULK PLANT #05	***110 N CEDAR ST***	***E 0 - 1/8 (0.043 mi.)***	***B14***	***21***
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00010659				
FORMER QUALITY TOWIN	***120 N MAIN ST***	***WNW 0 - 1/8 (0.091 mi.)***	***F26***	***55***
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Closed in Ground Facility Type: CLOSED Facility Id: 00041746				
THE COUNTRY CORNER	244 E 3RD ST	W 0 - 1/8 (0.108 mi.)	F27	58
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00021117				
SPEEDWAY #8391	***310 CEDAR ST***	***S 1/8 - 1/4 (0.163 mi.)***	***I36***	***70***
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00000901				
LAPEER COUNTY CO-OP	140 E 2ND ST	WSW 1/8 - 1/4 (0.180 mi.)	J39	85
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00007512				
GTE NORTH, INC	***311 S CEDAR ST***	***S 1/8 - 1/4 (0.195 mi.)***	***I46***	***99***
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00011214				
GTE NORTH INC	155 E 4TH ST	NW 1/8 - 1/4 (0.239 mi.)	49	108
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00018348				

Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN	***150 N CEDAR ST***	***NE 0 - 1/8 (0.088 mi.)***	***E24***	***43***
Database: UST, Date of Government Version: 06/02/2023 Tank Status: Removed from Ground				

Tank Status: Closed in Ground
Facility Type: CLOSED
Facility Id: 00017772

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 10/27/2023 has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IMLAY CITY OIL Facility Id: 91044003 Removed/Closed Date: 09/30/1991 Tank Status: Removed from Premises	100 N CEDAR ST	E 0 - 1/8 (0.047 mi.)	B17	27
JER EQUIPMENT Facility Id: 92085969 Removed/Closed Date: 03/31/2022 Tank Status: Removed from Premises	379 E 2ND ST	S 0 - 1/8 (0.057 mi.)	C19	32
THERMOGAS CO Facility Id: 92044017 Removed/Closed Date: 09/01/1995 Tank Status: Removed from Premises	225 S CEDAR ST	SSE 0 - 1/8 (0.125 mi.)	G31	62

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERIGAS EAGLE Facility Id: 92084174 Removed/Closed Date: 11/19/2003 Tank Status: Removed from Premises	600 E 1ST ST	ESE 1/8 - 1/4 (0.245 mi.)	50	108

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 08/22/2023 has revealed that there are 5 AUL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOTAL BULK PLANT #05 Facility ID: 00010659	100 NORTH CEDAR	E 0 - 1/8 (0.047 mi.)	B15	23
MRP PROPERTIES, LLC Facility ID: 00010659	***100 N CEDAR STREET***	***E 0 - 1/8 (0.047 mi.)***	***B18***	***29***
SPEEDWAY SUPERAMERIC Facility ID: 00000901	***310 S CEDAR STREET***	***S 1/8 - 1/4 (0.174 mi.)***	***I37***	***79***
EZ QUICK MART INC #1 Facility ID: 00010667	546 NORTH CEDAR	NNE 1/4 - 1/2 (0.432 mi.)	L57	132

Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN	***150 N CEDAR ST***	***NE 0 - 1/8 (0.088 mi.)***	***E24***	***43***

EXECUTIVE SUMMARY

Facility ID: 00010659

Lists of state and tribal voluntary cleanup sites

VCP: A listing of sites enrolled in the Voluntary Cleanup

A review of the VCP list, as provided by EDR, and dated 08/21/2023 has revealed that there are 10 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
420 EAST THIRD STREE	420 EAST THIRD STREE	0 - 1/8 (0.000 mi.)	A9	18
481-420 E THIRD STRE	481-420 E THIRD STRE	N 0 - 1/8 (0.017 mi.)	A12	19
18 NORTH CEDAR STREE	***18 NORTH CEDAR STREE***	***SSE 0 - 1/8 (0.066 mi.)***	***C20***	***33***
325 EAST SECOND STRE	***325 EAST SECOND STRE***	***SW 0 - 1/8 (0.076 mi.)***	***D21***	***34***
300 E SECOND STREET	300 E SECOND STREET	SW 0 - 1/8 (0.111 mi.)	D28	59
172 NORTH CEDAR STRE	***172 NORTH CEDAR STRE***	***NE 0 - 1/8 (0.117 mi.)***	***E30***	***61***
FORMER ARTPLACE CLEA	***213 EAST THIRD STREE***	***WNW 1/8 - 1/4 (0.148 mi.)***	***H35***	***69***
140 EAST 2ND STREET	***140 EAST 2ND STREET***	***WSW 1/8 - 1/4 (0.180 mi.)***	***J41***	***88***
144 EAST 3RD STREET,	***144 EAST 3RD STREET***	***W 1/8 - 1/4 (0.187 mi.)***	***H44***	***93***
430 EAST CAPAC ROAD	***430 EAST CAPAC ROAD***	***N 1/4 - 1/2 (0.455 mi.)***	***58***	***133***

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 is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	213 EAST THIRD SREET	WNW 1/8 - 1/4 (0.148 mi.)	H33	65

Database: BROWNFIELDS, Date of Government Version: 05/08/2023

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OMNI INTERNATIONAL	***611 INDUSTRIAL PARKW***	***SE 1/2 - 1 (0.552 mi.)***	***61***	***172***
Facility Status: Inactive - no actions taken to address contamination Facility ID: 44000087				

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 07/17/2023 has revealed that there are 18 INVENTORY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
420 EAST THIRD STREE Facility ID: 44000308	***420 EAST THIRD STREE***	***0 - 1/8 (0.000 mi.)***	***A11***	***18***
481-420 E THIRD STRE Facility ID: 44000311	***481-420 E THIRD STRE***	***N 0 - 1/8 (0.017 mi.)***	***A13***	***20***
TOTAL BULK PLANT #05 Facility ID: 10659	***110 N CEDAR ST***	***E 0 - 1/8 (0.043 mi.)***	***B14***	***21***
18 NORTH CEDAR STREE Facility ID: 44000333	***18 NORTH CEDAR STREE***	***SSE 0 - 1/8 (0.066 mi.)***	***C20***	***33***
325 EAST SECOND STRE Facility ID: 44000300	***325 EAST SECOND STRE***	***SW 0 - 1/8 (0.076 mi.)***	***D21***	***34***
FORMER QUALITY TOWIN Facility ID: 41746	***120 N MAIN ST***	***WNW 0 - 1/8 (0.091 mi.)***	***F26***	***55***
300 E SECOND STREET Facility ID: 44000298	***300 E SECOND STREET***	***SW 0 - 1/8 (0.111 mi.)***	***D29***	***59***
172 NORTH CEDAR STRE Facility ID: 44000285	***172 NORTH CEDAR STRE***	***NE 0 - 1/8 (0.117 mi.)***	***E30***	***61***
FORMER ARTPLACE CLEA Facility ID: 44000335	***213 EAST THIRD STREE***	***WNW 1/8 - 1/4 (0.148 mi.)***	***H35***	***69***
SPEEDWAY #8391 Facility ID: 901	***310 CEDAR ST***	***S 1/8 - 1/4 (0.163 mi.)***	***I36***	***70***
140 EAST 2ND STREET	***140 EAST 2ND STREET***	***WSW 1/8 - 1/4 (0.180 mi.)***	***J41***	***88***

Facility ID: 44000282				
144 EAST 3RD STREET, Facility ID: 44000273	***144 EAST 3RD STREET***	***W 1/8 - 1/4 (0.187 mi.)***	***H44***	***93***
PELINE PROPERTY / MC Facility ID: 36390	***587 S CEDAR ST***	***S 1/4 - 1/2 (0.415 mi.)***	***53***	***113***
QWIK STOP #7 Facility ID: 16549	***557 N CEDAR ST***	***N 1/4 - 1/2 (0.424 mi.)***	***54***	***115***
J & J IMLAY CITY LLC Facility ID: 10667	***546 N CEDAR ST***	***NNE 1/4 - 1/2 (0.432 mi.)***	***L56***	***128***
430 EAST CAPAC ROAD Facility ID: 44000310	***430 EAST CAPAC ROAD***	***N 1/4 - 1/2 (0.455 mi.)***	***58***	***133***
PARSCH AUTOMOTIVE Facility ID: 18276	***314 CAPAC RD***	***NNW 1/4 - 1/2 (0.463 mi.)***	***60***	***165***

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
E J GREEN Facility ID: 17772	***150 N CEDAR ST***	***NE 0 - 1/8 (0.088 mi.)***	***E24***	***43***

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 07/24/2023 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
MOLD MASTERS CO EPA ID:: MID065602807	***325 E 2ND ST***	***SW 0 - 1/8 (0.076 mi.)***	***D22***	***36***
DTE ENERGY/MICH CON EPA ID:: MID000721647	***255 E 2ND ST***	***SW 0 - 1/8 (0.078 mi.)***	***D23***	***40***
MI DEPT/AGRICULTURE EPA ID:: MIP200001520	140 E 2ND ST	WSW 1/8 - 1/4 (0.180 mi.)	J40	86
COLES CLEANERS INC EPA ID:: MID064190697	***144 E 3RD ST***	***W 1/8 - 1/4 (0.187 mi.)***	***H43***	***91***
DODGE CS AND SON AND EPA ID:: MID985612399	***320 S CEDAR ST***	***S 1/8 - 1/4 (0.202 mi.)***	***I47***	***102***

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 08/08/2023 has revealed that there are 14 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
420 EAST THIRD STREE	***420 EAST THIRD STREE***	***0 - 1/8 (0.000 mi.)***	***A11***	***18***
481-420 E THIRD STRE	***481-420 E THIRD STRE***	***N 0 - 1/8 (0.017 mi.)***	***A13***	***20***
TOTAL BULK PLANT #05	***110 N CEDAR ST***	***E 0 - 1/8 (0.043 mi.)***	***B14***	***21***
18 NORTH CEDAR STREE	***18 NORTH CEDAR STREE***	***SSE 0 - 1/8 (0.066 mi.)***	***C20***	***33***
325 EAST SECOND STRE	***325 EAST SECOND STRE***	***SW 0 - 1/8 (0.076 mi.)***	***D21***	***34***
FORMER QUALITY TOWIN	***120 N MAIN ST***	***WNW 0 - 1/8 (0.091 mi.)***	***F26***	***55***
300 E SECOND STREET	***300 E SECOND STREET***	***SW 0 - 1/8 (0.111 mi.)***	***D29***	***59***
172 NORTH CEDAR STRE	***172 NORTH CEDAR STRE***	***NE 0 - 1/8 (0.117 mi.)***	***E30***	***61***
140 EAST 2ND STREET	***140 EAST 2ND STREET***	***WSW 1/8 - 1/4 (0.180 mi.)***	***J41***	***88***
PELINE PROPERTY / MC	***587 S CEDAR ST***	***S 1/4 - 1/2 (0.415 mi.)***	***53***	***113***
QWIK STOP #7	***557 N CEDAR ST***	***N 1/4 - 1/2 (0.424 mi.)***	***54***	***115***
J & J IMLAY CITY LLC	***546 N CEDAR ST***	***NNE 1/4 - 1/2 (0.432 mi.)***	***L56***	***128***
430 EAST CAPAC ROAD	***430 EAST CAPAC ROAD***	***N 1/4 - 1/2 (0.455 mi.)***	***58***	***133***

Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN	***150 N CEDAR ST***	***NE 0 - 1/8 (0.088 mi.)***	***E24***	***43***

DRYCLEANERS: A listing of drycleaning facilities in Michigan.

A review of the DRYCLEANERS list, as provided by EDR, and dated 04/12/2023 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER ARTPLACE CLEA Establishment#: 4400005	***213 EAST THIRD STREE***	***WNW 1/8 - 1/4 (0.148 mi.)***	***H35***	***69***
CLOTHES BASKET CLEAN Establishment#: 4400003 Establishment#: 4400004	144 EAST THIRD STREE	W 1/8 - 1/4 (0.187 mi.)	H42	90

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.

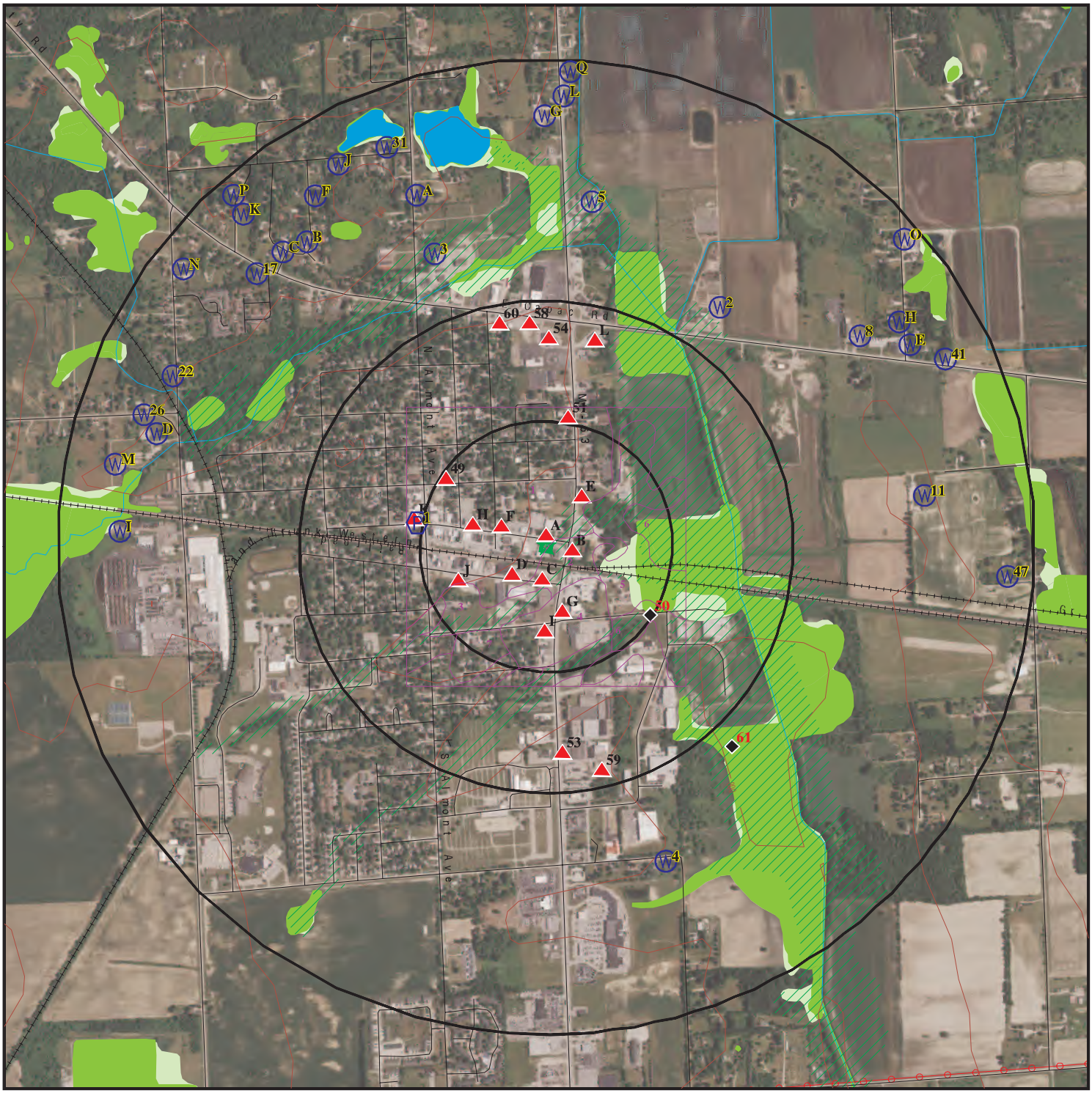
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCHOENHALS MOTOR SAL	420 E THIRD ST	0 - 1/8 (0.000 mi.)	A10	18
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
GREEN ELDEN JAMES	150 N CEDAR ST	NE 0 - 1/8 (0.088 mi.)	E25	54

EXECUTIVE SUMMARY

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

Site Name	Database(s)
S CEDAR ST,NW CORNER OF HWY 53 & N	BEA, VCP

OVERVIEW MAP - 7512464.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

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

SITE NAME:	Former Sign Shop	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.023741 / 83.072423	INQUIRY #:	7512464.2s
		DATE:	December 05, 2023 2:10 pm

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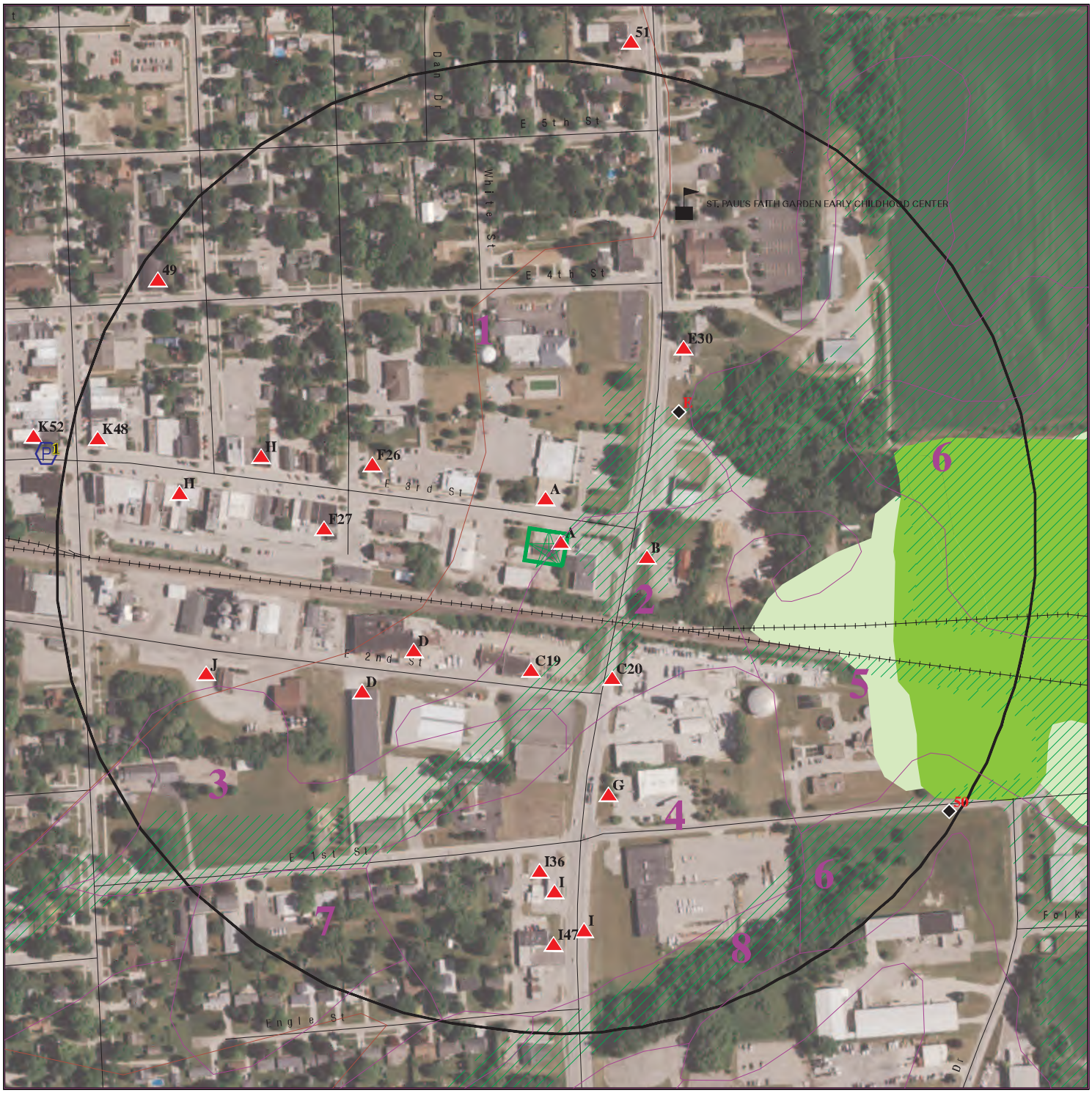
DETAIL MAP - 7512464.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

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

SITE NAME:	Former Sign Shop	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.023741 / 83.072423	INQUIRY #:	7512464.2s
		DATE:	December 05, 2023 2:11 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250	1	2	4	NR	NR	NR	7
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
LUST	0.500	1	3	2	7	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	4	4	NR	NR	NR	9
AST	0.250		3	1	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		3	1	1	NR	NR	5
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500	1	6	3	1	NR	NR	11
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500	2	0	1	0	NR	NR	3
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
PART 201	1.000	1	0	0	0	1	NR	2
INVENTORY	0.500	2	9	4	5	NR	NR	20
CDL	0.001		0	NR	NR	NR	NR	0
DEL PART 201	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	3	NR	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BEA	0.500		9	1	4	NR	NR	14
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	2	NR	NR	NR	2
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	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	1	0	NR	NR	NR	NR	1
SSCUP	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA PART 201	0.001	1	0	NR	NR	NR	NR	1
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	2	0	NR	NR	NR	NR	2
- Totals --		15	43	26	18	1	0	103

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CITY OF IMLAY CITY/PUBLIC WORKS** **RGA LUST** **S115669994**
Target Property **400 E THIRD ST** **N/A**
IMLAY CITY, MI

Site 1 of 13 in cluster A

Actual: 812 ft.

RGA LUST:

2001	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
2000	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
1999	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
1998	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
1997	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST

A2 **CITY OF IMLAY CITY/PUBLIC WORKS** **RGA LUST** **S115669993**
Target Property **400 E 3RD ST** **N/A**
IMLAY CITY, MI

Site 2 of 13 in cluster A

Actual: 812 ft.

RGA LUST:

2012	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2011	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2010	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2009	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2008	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2007	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2006	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2005	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2004	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2003	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST

A3 **CITY OF IMLAY** **RCRA-VSQG** **1004725590**
Target Property **400 E 3RD ST** **FINDS** **MIR000047290**
IMLAY CITY, MI 48444 **ECHO**

Site 3 of 13 in cluster A

Actual: 812 ft.

RCRA Listings:

Date Form Received by Agency:	20040709
Handler Name:	City Of Imlay
Handler Address:	400 E 3RD ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MIR000047290
Contact Name:	AMY PLANCK
Contact Address:	400 E 3RD ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-724-2135
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Municipal
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:	150 N MAIN ST

CITY OF IMLAY (Continued) **1004725590**

Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	City Of Imlay
Owner Type:	Municipal
Operator Name:	City Of Imlay
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CITY OF IMLAY	
Legal Status:	Municipal
Date Became Current:	19010101

CITY OF IMLAY (Continued) **1004725590**

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF IMLAY	
Legal Status:	Municipal
Date Became Current:	19010101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF IMLAY	
Legal Status:	Municipal
Date Became Current:	19010101
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: CITY OF IMLAY	
Legal Status:	Municipal
Date Became Current:	19010101
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:	20040709
Handler Name: CITY OF IMLAY	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CITY OF IMLAY (Continued) **1004725590**

Receive Date:	20000905
Handler Name: CITY OF IMLAY	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110006413185

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1004725590
Registry ID:	110006413185
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006413185
Name:	CITY OF IMLAY
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444

A4 **BROWNFIELDS** **S129490669**
Target Property **400 EAST THIRD STREET** **N/A**
IMLAY, MI

Site 4 of 13 in cluster A

Actual: 812 ft.

BROWNFIELDS:

Name:	Not reported
Address:	400 EAST THIRD STREET
City,State,Zip:	IMLAY, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	-83.072985
Y Coordinate:	43.023861
Project Name:	Imlay City DPW
Date Year Funded:	03/09/2022
Total Brownfield Incentives:	25000
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Yes
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

A5 **400 & 410 EAST THIRD STREET** **BROWNFIELDS** **S104780137**
Target Property **400 & 410 E. THIRD STREET** **PART 201** **N/A**
IMLAY CITY, MI 48444

Site 5 of 13 in cluster A

Actual: 812 ft.

BROWNFIELDS:

Name:	400 & 410 E. THIRD
Address:	400 & 410 E. THIRD STREET
City,State,Zip:	IMLAY CITY, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	No
Ernie Id Number:	44000109
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

400 & 410 EAST THIRD STREET (Continued) **S104780137**

PART 201:

Facility ID:	44000109
Facility Status:	**See Leaking Underground Storage Tank Site Database**
Source:	Transportation Equipment
SAM Score:	37
SAM Score Date:	03/04/2004
Township:	07N
Range:	12E
Section:	17
Quarter:	SE
Quarter/Quarter:	SW
Pollutants:	1,2,4 TMB; Benzene; Ethylbenzene; Toluene; Xylenes

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A6 **400 & 410 EAST THIRD STREET** **RGA PART 201** **S115655462**
Target Property **400 & 410 E. THIRD STREET** **N/A**
IMLAY CITY, MI

Site 6 of 13 in cluster A

Actual: 812 ft.

RGA PART 201:

2012	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET
2011	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET
2010	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET
2009	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET

A7 **IMLAY CITY. DEPT OF PUBLIC WORKS** **INVENTORY** **S127818617**
Target Property **400 EAST THIRD STREET** **VCP** **N/A**
IMLAY CITY, MI 48444

Site 7 of 13 in cluster A

Actual: 812 ft.

INVENTORY:

Name:	IMLAY CITY. DEPT OF PUBLIC WORKS
Address:	400 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Lapeer
District:	Lansing
Data Source:	Risks Present and Require Action in Short-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.023861
Longitude:	-83.072985

VCP:

Location ID:	44000046
Name:	IMLAY CITY. DEPT OF PUBLIC WORKS
Address:	400 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI 48444
Location Type:	Part 201 site
Township:	Lapeer
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Short-term
Latitude:	43.023861

IMLAY CITY. DEPT OF PUBLIC WORKS (Continued) **S127818617**

Longitude: -83.072985

A8 Target Property **CITY OF IMLAY CITY/PUBLIC WORKS**
400 E 3RD ST
IMLAY CITY, MI 48444

LUST U000258027
UST N/A
INVENTORY
WDS

Site 8 of 13 in cluster A

Actual: 812 ft.

LUST:

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	14763
Source:	24000
Owner Name:	Koulouras, Chris
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(517) 627-3888
Country:	Not reported
District:	Lansing
Site Name:	Imlay City Dpw
Latitude:	43.02371
Longitude:	-83.07292
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on interpolation-photo.
Accuracy:	20
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
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:	23451
Release Date:	07/18/1994
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported
Leak Number:	5035
Release Date:	01/23/2002
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported
Leak Number:	6166
Release Date:	01/23/2002
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported
Leak Number:	C-0039-02

CITY OF IMLAY CITY/PUBLIC WORKS (Continued) **U000258027**

Release Date: 01/23/2002
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0470-02
Release Date: 01/23/2002
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0744-94
Release Date: 07/18/1994
Substance Released: Diesel,Gasoline
Release Status: Open
Release Closed Date: Not reported

UST:
Name: CITY OF IMLAY CITY/PUBLIC WORKS
Address: 400 E 3RD ST
City,State,Zip: IMLAY CITY 48444-1315
Facility Type: CLOSED
Facility ID: 00014763
Owner Name: CITY OF IMLAY CITY
Owner Address: PO BOX 188
Owner City: IMLAY CITY
Owner State: MI
Owner Zip: 48444-0188
Owner Contact: Not reported
Owner Phone: 8107242135
Contact: AMY PLANCK
Contact Phone: (810) 724-2135
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: Lansing District Office
Tank ID: 3
Capacity: 275
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 01/22/2002
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: 43.02386
Longitude: -83.07298

CITY OF IMLAY CITY/PUBLIC WORKS (Continued) **U000258027**

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1315
Facility Type:	CLOSED
Facility ID:	00014763
Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	AMY PLANCK
Contact Phone:	(810) 724-2135
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:	Lansing District Office
Tank ID:	2
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	02/05/1979
Remove Date:	06/23/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02386
Longitude:	-83.07298

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1315
Facility Type:	CLOSED
Facility ID:	00014763
Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	AMY PLANCK
Contact Phone:	(810) 724-2135
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83

CITY OF IMLAY CITY/PUBLIC WORKS (Continued) **U000258027**

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:	Lansing District Office
Tank ID:	1
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	02/04/1978
Remove Date:	06/23/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02386
Longitude:	-83.07298

INVENTORY:

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Controlled-Interim
Lust Name:	Imlay City Dpw
Regulatory Program:	213
Release Status:	Open
Project Manager:	Michaluk, Janet
Latitude:	43.02371336
Longitude:	-83.07292313

WDS:

Name:	CITY OF IMLAY
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIR000047290
WMD Id:	413877
Site Specific Name:	CITY OF IMLAY DEPARTMENT OF PUBLIC WORKS
Mailing Address:	150 N MAIN ST
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

A9 **420 EAST THIRD STREET** **VCP** **S114026425**
420 EAST THIRD STREET **N/A**
< 1/8 **IMLAY CITY, MI 48933**
1 ft.

Site 9 of 13 in cluster A

Relative: VCP:
Higher

Location ID:	44000308
Name:	420 EAST THIRD STREET
Address:	420 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI 48933
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.02357323
Longitude:	-83.07206258

Actual:
812 ft.

A10 **SCHOENHALS MOTOR SALES INC** **EDR Hist Auto** **1021636920**
420 E THIRD ST **N/A**
< 1/8 **IMLAY CITY, MI 48444**
1 ft.

Site 10 of 13 in cluster A

Relative: EDR Hist Auto
Higher

Actual:
812 ft.

Year:	Name:	Type:
1969	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1970	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1971	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1972	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1973	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1974	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1975	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1976	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1977	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1978	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1979	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers

A11 **420 EAST THIRD STREET** **INVENTORY** **S108414426**
420 EAST THIRD STREET **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48933**
1 ft.

Site 11 of 13 in cluster A

Relative: INVENTORY:
Higher

Name:	420 EAST THIRD STREET
Address:	420 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI 48933
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02357323

Actual:
812 ft.

420 EAST THIRD STREET (Continued) **S108414426**

Longitude: -83.07206258

BEA:

Name:	420 EAST THIRD STREET
Address:	420 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	1133
District:	Lansing
Date Received:	02/02/2007
Submitter Name:	KCH Enterprises, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	STD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

A12 **481-420 E THIRD STREET & 21 CEDAR STREET** **VCP** **S114026784**
North **481-420 E THIRD STREET & 21 CEDAR STREET** **N/A**
< 1/8 **IMLAY CITY, MI 48933**
0.017 mi.
89 ft. **Site 12 of 13 in cluster A**

Relative:
Higher

Actual:
818 ft.

VCP:

Location ID:	44000311
Name:	481-420 E THIRD STREET & 21 CEDAR STREET
Address:	481-420 E THIRD STREET & 21 CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48933
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.02358339

481-420 E THIRD STREET & 21 CEDAR STREET (Continued) **S114026784**

Longitude: -83.07210226

A13 **481-420 E THIRD STREET & 21 CEDAR STREET** **INVENTORY** **S108084282**
North **481-420 E THIRD STREET & 21 CEDAR STREET** **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48933**
0.017 mi.
89 ft. **Site 13 of 13 in cluster A**

Relative:
Higher

Actual:
818 ft.

INVENTORY:

Name:	481-420 E THIRD STREET & 21 CEDAR STREET
Address:	481-420 E THIRD STREET & 21 CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48933
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02358339
Longitude:	-83.07210226

BEA:

Name:	481-420 E THIRD STREET & 21 CEDAR STREET
Address:	481-420 E THIRD STREET & 21 CEDAR STREET
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	1066
District:	Lansing
Date Received:	06/16/2006
Submitter Name:	Clean Cars and Trucks Properties, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	STD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported

481-420 E THIRD STREET & 21 CEDAR STREET (Continued) **S108084282**

Contact Zip Code: Not reported
Contact State: Not reported

B14 **TOTAL BULK PLANT #0564** **LUST** **U000257942**
East **110 N CEDAR ST** **UST** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **INVENTORY**
0.043 mi. **BEA**
229 ft. **Site 1 of 5 in cluster B**

Relative: **Higher**

Actual: **813 ft.**

LUST:

Name:	TOTAL BULK PLANT #0564
Address:	110 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	10659
Source:	Not reported
Owner Name:	GOODALE, KEITH
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Total Pet. Bulk Plant
Latitude:	43.02367
Longitude:	-83.0718
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	15104
Release Date:	04/09/1990
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	08/04/2021
Leak Number:	502
Release Date:	01/13/1992
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	08/04/2021
Leak Number:	C-0169-92
Release Date:	01/13/1992
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported

TOTAL BULK PLANT #0564 (Continued) **U000257942**

Leak Number: C-0628-90
Release Date: 04/09/1990
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

UST:
Name: TOTAL BULK PLANT #0564
Address: 110 N CEDAR ST
City,State,Zip: IMLAY CITY 48444-1122
Facility Type: CLOSED
Facility ID: 00010659
Owner Name: TOTAL PETRO INC
Owner Address: PO BOX 696000
Owner City: SAN ANTONIO
Owner State: TX
Owner Zip: 78269-6000
Owner Contact: Not reported
Owner Phone: 3032912000
Contact: Dennis Pappas
Contact Phone: (517) 372-2220
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: Lansing District Office
Tank ID: 1
Capacity: 560
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 05/01/1956
Remove Date: 01/13/1992
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 43.02367
Longitude: -83.07180

INVENTORY:
Name: TOTAL BULK PLANT #0564
Address: 110 N CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Township: Imlay City
District: Lansing
Data Source: Risks Controlled-Interim
Lust Name: Total Pet. Bulk Plant
Regulatory Program: 213
Release Status: CLosed

TOTAL BULK PLANT #0564 (Continued) **U000257942**

Project Manager:	Eggleston, Michael
Latitude:	43.023674
Longitude:	-83.0718

BEA:

Name:	TOTAL BULK PLANT #0564
Address:	110 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/13/2003
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:	00010659
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200300761LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Disclosure only File at RC--1063343 SID Facility Number: 0-0013315 class 2 site
Organization:	HB Management 2, LLC
Contact:	Robin J. Clark
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

B15 **TOTAL BULK PLANT #0564** **AUL** **S117057647**
East **100 NORTH CEDAR** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.047 mi.
246 ft. **Site 2 of 5 in cluster B**

Relative:
Higher

Actual:
813 ft.

AUL:

Name:	TOTAL BULK PLANT #0564
Address:	100 NORTH CEDAR
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Pending
Site Name:	Not reported
Property:	off-site
Land Use Restriction Type:	MDOT

TOTAL BULK PLANT #0564 (Continued) **S117057647**

Program Type:	Part 213
Program Support Assigned User:	Not reported
Program Support Assigned Date:	Not reported
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	19121314024
MDEQ Reference Number:	MDOT-RRD-213-14-024
Property Or Description Restricted Area:	Not reported
Lead Division:	RD
File Name Of Hyperlinked Legal Doc:	Not reported
Mapped Polygons Area In Acres:	Not reported
Mapped Polygons Area In Square Miles:	Not reported
Date Data Entry Started:	Not reported
Date Data Entry Finished:	Not reported
Individual Or Staff Assoc With The Mapping:	Not reported
Program Used To Map Restricted Features:	Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	Not reported
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	0
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	March 10, 2014 consultant requested MDOT license #.
Map Comments:	Not reported

B16 **TOTAL PETROLEUM (NORTH AMERICA) LTD** **RCRA-VSQG** **1004722534**
East **100 N CEDAR ST** **FINDS** **MI0001026046**
< 1/8 **IMLAY CITY, MI 48444** **ECHO**
0.047 mi.
246 ft. **Site 3 of 5 in cluster B**

Relative: **Higher**

Actual: **813 ft.**

RCRA Listings:

Date Form Received by Agency:	19950206
Handler Name:	Total Petroleum (North America) Ltd
Handler Address:	100 N CEDAR ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MI0001026046
Contact Name:	GREG AZZOLI
Contact Address:	100 N CEDAR ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	313-946-5287
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **1004722534**

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:	100 N CEDAR ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	Total Petroleum Inc
Owner Type:	Private
Operator Name:	Total Petroleum Inc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **1004722534**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TOTAL PETROLEUM INC
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOTAL PETROLEUM INC
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19950206
Handler Name: TOTAL PETROLEUM (NORTH AMERICA) LTD
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **1004722534**

FINDS:
Registry ID: 110003571750

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1004722534
Registry ID:	110003571750
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003571750
Name:	TOTAL PETROLEUM (NORTH AMERICA) LTD
Address:	100 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444

B17 **IMLAY CITY OIL** **AST** **A100206094**
East **100 N CEDAR ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.047 mi.
246 ft. **Site 4 of 5 in cluster B**

Relative: Higher
Actual: 813 ft.

AST:

Name:	IMLAY CITY OIL
Address:	100 N CEDAR ST
City:	IMLAY CITY
Zip:	48444-1122
Facility ID:	91044003
Owner Name:	IMLAY CITY OIL
Owner Address:	542 N CEDAR ST
Owner City,St,Zip:	IMLAY CITY, MI 48444-1166
District:	2
Date of Collection:	07/26/2005
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Horizontal Datum:	NAD83
Latitude:	43.0243100
Longitude:	-83.070902
Tank Id:	ATK-106825-15
Tank Status:	Removed from Premises
Capacity (in gallons):	25000
Installation Date:	Not reported
Substance Stored:	Other
Removed/Closed Date:	09/30/1991

IMLAY CITY OIL (Continued) **A100206094**

Tank Id: ATK-106821-15
Tank Status: Removed from Premises
Capacity (in gallons): 20000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

Tank Id: ATK-106811-15
Tank Status: Removed from Premises
Capacity (in gallons): 12000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

Tank Id: ATK-043848-15
Tank Status: Removed from Premises
Capacity (in gallons): 10000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

Tank Id: ATK-106830-15
Tank Status: Removed from Premises
Capacity (in gallons): 25000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

Tank Id: ATK-049352-15
Tank Status: Removed from Premises
Capacity (in gallons): 20000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

Tank Id: ATK-106806-15
Tank Status: Removed from Premises
Capacity (in gallons): 12000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

Tank Id: ATK-008715-15
Tank Status: Removed from Premises
Capacity (in gallons): 12000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/30/1991

B18 **MRP PROPERTIES, LLC** **AUL** **S111141870**
East **100 N CEDAR STREET** **AIRS** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **WDS**
0.047 mi.
246 ft. **Site 5 of 5 in cluster B**

Relative:
Higher

Actual:
813 ft.

AUL:

Name:	MRP PROPERTIES, LLC
Address:	100 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	on-site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	01/09/2018
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	11121317135
MDEQ Reference Number:	RC-RRD-213-17-135
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121317135.PDF
Mapped Polygons Area In Acres:	0.90969999999999995
Mapped Polygons Area In Square Miles:	0.0014
Date Data Entry Started:	01/10/2018
Date Data Entry Finished:	01/10/2018
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.4
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	01/03/2018
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
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:	1
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:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20170829 provided reference # to consultant.
Map Comments:	20180109 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180110 - LRUR is mapped in KERMIT - Nick Ekel

Name:	FORMER FACILITY NO. 13092
Address:	100 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported

MRP PROPERTIES, LLC (Continued) **S111141870**

Property:	Off-Site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	06/11/2021
Legal Description Of Property:	Railroad ROW
Based On The Deq Ref #:	11121320158
MDEQ Reference Number:	RC-RRD-213-20-158
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121320158.PDF
Mapped Polygons Area In Acres:	0.52010000000000001
Mapped Polygons Area In Square Miles:	0.0008
Date Data Entry Started:	08/13/2021
Date Data Entry Finished:	08/13/2021
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.7
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	12/10/2020
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
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:	1
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:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20201027 - Reference number was requested by Landon Eenigenburg of ARCADIS of Michigan LLC - Nick Ekel
Map Comments:	20210611 - LRUR is NOT mapped in KERMIT - Nick Ekel 20210813 - LRUR is mapped in KERMIT - Nick Ekel

Name:	MRP PROPERTIES
Address:	100 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	on-site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	01/09/2018
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	11121304812
MDEQ Reference Number:	RC-RRD-213-04-812
Property Or Description Restricted Area:	Not reported

MRP PROPERTIES, LLC (Continued) **S111141870**

Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121304812.PDF
Mapped Polygons Area In Acres:	0.90969999999999995
Mapped Polygons Area In Square Miles:	0.0014
Date Data Entry Started:	01/10/2018
Date Data Entry Finished:	01/10/2018
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.4
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	04/02/2004
Commercial I Land Use Restriction:	1
Commercial Ii Land Use Restriction:	1
Commercial Iii Land Use Restriction:	1
Commercial Iv Land Use Restriction:	1
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	1
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	0
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20180108 provided reference # for on-site restriction which is rescinded, new reference #s for this site are RC-RRD-213-17-135 and 136.
Map Comments:	20180109 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180110 - LRUR is mapped in KERMIT - Nick Ekel

AIRS:

Name:	MRP PROPERTIES, LLC
Address:	100 N CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
State Registration Number:	B8225
Naics Code:	Not reported
Contact Email:	Not reported
Contact Name:	C SHAY WIDEMAN
Contact Phone:	2103454663
Contact Address:	6000 N LOOP 1604 WEST
Contact City,St,Zip:	SAN ANTONIO, TX 78249
Permit Number:	137-11
Date Received:	09/08/2011
Application Reason:	GENERAL PTI - SOIL OR GROUNDWATER REMEDIATION
Record Type:	Not reported
State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Tribal Code:	Not reported
Facility Status Code:	Not reported
Facility Status:	Active
Supplemental Location Text:	Not reported

MRP PROPERTIES, LLC (Continued) **S111141870**

Business Name:	Not reported
Principal Product:	Not reported
Principal Product Description:	Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System):	Not reported
UTM Horizontal Coord:	Not reported
UTM Vertical Coord:	Not reported
Mailing Name:	Not reported
Mailing Contact Person:	Not reported
Mailing Street:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip 4 Extension:	Not reported
Compliance Person:	Not reported
Compliance Area Code:	Not reported
Compliance Phone Number:	Not reported
Emission Inventory Contact Person:	Not reported
EI Contact Area Code:	Not reported
EI Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

WDS:

Name:	TOTAL PETROLEUM (NORTH AMERICA) LTD
Address:	100 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MI0001026046
WMD Id:	391857
Site Specific Name:	TOTAL PETROLEUM CO 0564
Mailing Address:	100 N CEDAR ST
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

C19 **JER EQUIPMENT** **AST** **A100427341**
South **379 E 2ND ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.057 mi.
303 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
815 ft.

AST:

Name:	JER EQUIPMENT
Address:	379 E 2ND ST
City:	IMLAY CITY
Zip:	48444-1317
Facility ID:	92085969
Owner Name:	AL PARSCH OIL CO
Owner Address:	5923 W IMLAY CITY RD
Owner City,St,Zip:	IMLAY CITY, MI 48444
District:	2
Date of Collection:	Not reported
Accuracy:	Not reported
Source:	Not reported

JER EQUIPMENT (Continued) **A100427341**

Point Line Area:	Not reported
Description Category:	Not reported
Method of Collection:	Not reported
Horizontal Datum:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank Id:	ATK-141106-15
Tank Status:	Removed from Premises
Capacity (in gallons):	500
Installation Date:	07/26/2016
Substance Stored:	LPG
Removed/Closed Date:	03/31/2022

C20 **18 NORTH CEDAR STREET** **INVENTORY** **S127818622**
SSE **18 NORTH CEDAR STREET** **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **VCP**
0.066 mi.
347 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
817 ft.

INVENTORY:

Name:	18 NORTH CEDAR STREET
Address:	18 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02908565
Longitude:	-83.07093567

BEA:

Name:	18 NORTH CEDAR STREET
Address:	18 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	06/17/2021
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:	44000333
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	44000333-BEA-1
Approval Status:	In Review
Workflow Status:	Submitted
Date Submitted:	Not reported
Date Completed:	4/2/2021
Township:	Not reported

18 NORTH CEDAR STREET (Continued) **S127818622**

Work Unit:	Lansing
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

VCP:

Location ID:	44000333
Name:	18 NORTH CEDAR STREET
Address:	18 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.02908565
Longitude:	-83.07093567

D21 **325 EAST SECOND STREET** **INVENTORY** **S120851945**
SW **325 EAST SECOND STREET** **BEA** **N/A**
< 1/8 **LAPEER (County), MI 48444** **VCP**
0.076 mi.
402 ft. **Site 1 of 5 in cluster D**

Relative:
Higher

Actual:
819 ft.

INVENTORY:

Name:	325 EAST SECOND STREET
Address:	325 EAST SECOND STREET
City,State,Zip:	MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.022687
Longitude:	-83.072885

BEA:

Name:	325 EAST SECOND STREET
Address:	325 EAST SECOND STREET
City,State,Zip:	MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	05/23/2017
Submitter Name:	Not reported

325 EAST SECOND STREET (Continued) **S120851945**

Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	44000300
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201702319LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2017-05-23 14:54:51
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
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: Soil Lead (7') - 2,650,000 ppb Benzo(a)pyrene (7') - 203,000 ppb PRP evaluation to determine if viable liable party readily identifiable
Organization:	Port Huron Self Storage, LLC
Contact:	Ran Nizan
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

VCP:

Location ID:	44000300
Name:	325 EAST SECOND STREET
Address:	325 EAST SECOND STREET
City,State,Zip:	MI 48444
Location Type:	Part 201 site
Township:	Imlay City
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Not Determined
Latitude:	43.022687
Longitude:	-83.072885

D22 **MOLD MASTERS CO** **RCRA NonGen / NLR** **1000183473**
SW **325 E 2ND ST** **FINDS** **MID065602807**
< 1/8 **IMLAY CITY, MI 48444** **ECHO**
0.076 mi.
402 ft. **Site 2 of 5 in cluster D**

Relative: **Higher**
Actual: **819 ft.**

RCRA Listings:

Date Form Received by Agency:	20020812
Handler Name:	Mold Masters Co
Handler Address:	325 E 2ND ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID065602807
Contact Name:	ROBERT SWIATKOWSKI
Contact Address:	325 E 2ND ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-245-4100
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	301 E FIRST ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	Leonardi Hugo
Owner Type:	Private
Operator Name:	Leonardi Hugo
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

MOLD MASTERS CO (Continued) **1000183473**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LEONARDI HUGO	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: LEONARDI HUGO	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: LEONARDI HUGO	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

MOLD MASTERS CO (Continued) **1000183473**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20011231
Handler Name: MOLD MASTERS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19890602
Handler Name: MOLD MASTERS CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

MOLD MASTERS CO (Continued) **1000183473**

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:	20020812
Handler Name:	MOLD MASTERS CO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32619
NAICS Description:	OTHER PLASTICS PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110003601362

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1000183473
Registry ID:	110003601362
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003601362
Name:	MOLD MASTERS CO
Address:	325 E 2ND ST
City,State,Zip:	IMLAY CITY, MI 48444

D23 **DTE ENERGY/MICH CON** **RCRA NonGen / NLR** **1004722577**
SW **255 E 2ND ST** **FINDS** **MID000721647**
< 1/8 **IMLAY CITY, MI 48444** **ECHO**
0.078 mi.
414 ft. **Site 3 of 5 in cluster D**

Relative: **Higher**

Actual: **819 ft.**

RCRA Listings:

Date Form Received by Agency:	20030325
Handler Name:	Dte Energy/Mich Con
Handler Address:	255 E 2ND ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID000721647
Contact Name:	PATRICK TIERNEY
Contact Address:	255 E 2ND ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	313-235-5573
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1 ENERGY PLZ
Mailing City,State,Zip:	DETROIT, MI 48226
Owner Name:	Detroit Edison Company
Owner Type:	Private
Operator Name:	Dte Energy
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

DTE ENERGY/MICH CON (Continued) **1004722577**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DTE ENERGY	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DETROIT EDISON COMPANY	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DTE ENERGY	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

DTE ENERGY/MICH CON (Continued) **1004722577**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DETROIT EDISON COMPANY
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19800818
Handler Name: DTE ENERGY/MICH CON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030325
Handler Name: DTE ENERGY/MICH CON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003576167

DTE ENERGY/MICH CON (Continued) **1004722577**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1004722577
Registry ID:	110003576167
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003576167
Name:	DTE ENERGY/MICH CON
Address:	255 E 2ND ST
City,State,Zip:	IMLAY CITY, MI 48444

E24 **E J GREEN** **LUST** **U002301898**
NE **150 N CEDAR ST** **UST** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **AUL**
0.088 mi. **INVENTORY**
465 ft. **Site 1 of 3 in cluster E** **BEA**
WDS

Relative:
Lower

Actual:
809 ft.

LUST:

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	17772
Source:	Not reported
Owner Name:	LoMonaco, Michael
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(616) 971-1416
Country:	Not reported
District:	Lansing
Site Name:	E J Green
Latitude:	43.02482
Longitude:	-83.07111
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
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

E J GREEN (Continued) **U002301898**

Leak Number: 20472
Release Date: 10/12/1992
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

Leak Number: 25905
Release Date: 05/15/1996
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

Leak Number: 25927
Release Date: 04/24/1996
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

Leak Number: 25995
Release Date: 04/23/1996
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0243-96
Release Date: 04/24/1996
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0244-96
Release Date: 04/23/1996
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0313-96
Release Date: 05/15/1996
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1780-92
Release Date: 10/12/1992
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

UST:
Name: E J GREEN
Address: 150 N CEDAR ST
City,State,Zip: IMLAY CITY 48444-1122
Facility Type: CLOSED
Facility ID: 00017772
Owner Name: ESTATE OF MARGUERITE I GREEN LPP
Owner Address: 124 N ALMONT AVE
Owner City: IMLAY CITY
Owner State: MI

E J GREEN (Continued) **U002301898**

Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	9
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/02/1976
Remove Date:	04/23/1996
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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	8
Capacity:	500
Tank Status:	Removed from Ground

E J GREEN (Continued) **U002301898**

Substance:	Kerosene
Install Date:	05/02/1976
Remove Date:	04/23/1996
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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	7
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/02/1976
Remove Date:	04/23/1996
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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122

E J GREEN (Continued) **U002301898**

Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	6
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/02/1976
Remove Date:	04/24/1996
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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT

E J GREEN (Continued) **U002301898**

Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	5
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/02/1976
Remove Date:	04/23/1996
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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	4
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	04/24/1996
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

E J GREEN (Continued) **U002301898**

Latitude:	43.02482
Longitude:	-83.07111
Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	3
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	04/24/1996
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:	43.02482
Longitude:	-83.07111
Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100

E J GREEN (Continued) **U002301898**

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:	Lansing District Office
Tank ID:	22
Capacity:	4000
Tank Status:	Closed in Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	11/02/2012
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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	21
Capacity:	4000
Tank Status:	Closed in Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	11/02/2012
Tank Number:	Not reported
Tank Details Compartments:	Not reported

E J GREEN (Continued) **U002301898**

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:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	20
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Not reported
Install Date:	05/02/1976
Remove Date:	04/23/1996
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:	43.02482
Longitude:	-83.07111

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

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772

E J GREEN (Continued) **U002301898**

Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
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:	Lansing District Office
Tank ID:	2
Capacity:	3000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/02/1976
Remove Date:	04/24/1995
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:	43.02482
Longitude:	-83.07111

AUL:

Name:	MRP PROPERTIES, LLC
Address:	150 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	off-site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	08/28/2018
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	11121317136
MDEQ Reference Number:	RC-RRD-213-17-136
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121317136.PDF
Mapped Polygons Area In Acres:	1.73
Mapped Polygons Area In Square Miles:	0.0027
Date Data Entry Started:	09/05/2018
Date Data Entry Finished:	09/05/2018
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel

E J GREEN (Continued) **U002301898**

Program Used To Map Restricted Features:	ArcGIS 10.5
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	12/27/2018
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
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:	1
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:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20180829 provided reference # to consultant.
Map Comments:	20180828 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180905 - LRUR is mapped in KERMIT - Nick Ekel

INVENTORY:

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Present and Require Action in Short-term
Lust Name:	E J Green
Regulatory Program:	213
Release Status:	Open
Project Manager:	Eggleston, Michael
Latitude:	43.024825
Longitude:	-83.071118

BEA:

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	04/20/2022
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:	00017772

E J GREEN (Continued) **U002301898**

Submittal Type:	BEA
Submittal Number:	00017772-BEA-1
Approval Status:	In Review
Workflow Status:	Submitted
Date Submitted:	2022-04-27 15:16:32
Date Completed:	00:00.0
Township:	Not reported
Work Unit:	Lansing
Comments:	Not reported
Organization:	Nash Commercial Properties LLC
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

WDS:

Name:	E J GREEN CO
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIG000034171
WMD Id:	446217
Site Specific Name:	E J GREEN CO
Mailing Address:	150 N CEDAR ST
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

E25 **GREEN ELDEN JAMES** **EDR Hist Auto** **1020350317**
NE **150 N CEDAR ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.088 mi.
465 ft. **Site 2 of 3 in cluster E**

Relative: EDR Hist Auto
Lower

Actual: **809 ft.**

Year:	Name:	Type:
1971	GREEN ELDEN J	Toys And Hobby Goods And Supplies
1972	GREEN ELDEN J	Toys And Hobby Goods And Supplies
1973	GREEN ELDEN J	Petroleum Products, NEC
1974	GREEN ELDEN J	Petroleum Products, NEC
1975	GREEN ELDEN JR	Petroleum Products, NEC
1976	GREEN ELDEN JR	Petroleum Products, NEC
1977	GREEN ELDEN JR	Petroleum Products, NEC
1978	GREEN ELDEN JR	Petroleum Products, NEC
1979	GREEN ELDEN JR	Petroleum Products, NEC
1980	GREEN ELDEN JR	Petroleum Products, NEC
1982	GREEN ELDEN JR	Petroleum Products, NEC
1983	GREEN ELDEN JR	Petroleum Products, NEC
1985	GREEN ELDEN JR	Petroleum Products, NEC
1986	GREEN ELDEN JR	Petroleum Products, NEC
1987	GREEN ELDEN JR	Petroleum Products, NEC

GREEN ELDEN JAMES (Continued) **1020350317**

1988	GREEN ELDEN JR	Petroleum Products, NEC
1989	GREEN ELDEN JR	Engine Fuels And Oils
1990	GREEN ELDEN JR	Engine Fuels And Oils
1991	GREEN ELDEN JR	Engine Fuels And Oils
1992	GREEN ELDEN JAMES	Engine Fuels And Oils
1993	GREEN ELDEN JAMES	Engine Fuels And Oils
1994	GREEN ELDEN JAMES	Engine Fuels And Oils
1995	GREEN ELDEN JAMES	Engine Fuels And Oils
1996	GREEN ELDEN JAMES	Engine Fuels And Oils
1997	GREEN ELDEN JAMES	Engine Fuels And Oils
1998	GREEN ELDEN JAMES	Engine Fuels And Oils

F26 **FORMER QUALITY TOWING** **LUST** **U004004551**
WNW **120 N MAIN ST** **UST** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **INVENTORY**
0.091 mi. **BEA**
478 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
825 ft.

LUST:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	41746
Source:	Not reported
Owner Name:	COLLICA, STEVE
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Former Quality Towing
Latitude:	43.02459
Longitude:	-83.07409
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off).
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	7751
Release Date:	05/30/2005
Substance Released:	Used Oil
Release Status:	Open
Release Closed Date:	Not reported
Leak Number:	C-0186-05
Release Date:	05/30/2005
Substance Released:	Used Oil

FORMER QUALITY TOWING (Continued) **U004004551**

Release Status: Open
Release Closed Date: Not reported

UST:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY 48444-1199
Facility Type:	CLOSED
Facility ID:	00041746
Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	City of Imlay City
Contact Phone:	(810) 724-2135
Date of Collection:	07/26/2005
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:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	1
Capacity:	1000
Tank Status:	Closed in Ground
Substance:	Used Oil
Install Date:	Not reported
Remove Date:	01/01/1975
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:	43.02459
Longitude:	-83.07409

INVENTORY:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Not Determined
Lust Name:	Former Quality Towing
Regulatory Program:	213
Release Status:	Open
Project Manager:	Eggleston, Michael
Latitude:	43.024596
Longitude:	-83.074094

FORMER QUALITY TOWING (Continued) **U004004551**

BEA:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	06/15/2005
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:	00041746
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200500949LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2005-06-20 09:47:38
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Not reported
Organization:	City of Imlay City
Contact:	Amy Planck
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	120 N. MAIN STREET
Address:	120 N. MAIN STREET
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	949
District:	Lansing
Date Received:	06/15/2005
Submitter Name:	City of Imlay City
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported

FORMER QUALITY TOWING (Continued) **U004004551**

Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

F27 **THE COUNTRY CORNER** **UST** **U000257986**
West **244 E 3RD ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.108 mi.
570 ft. **Site 2 of 2 in cluster F**

Relative: **Higher**

Actual: **828 ft.**

UST:

Name:	THE COUNTRY CORNER
Address:	244 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1322
Facility Type:	CLOSED
Facility ID:	00021117
Owner Name:	DOROTHY LENEGMANN (DBA) THE COUNTRY CORNER INC
Owner Address:	244 EAST 3RD STREET
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	3137242565
Contact:	John Lengemann
Contact Phone:	(313) 724-2565
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:	Lansing District Office
Tank ID:	1
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/05/1981
Remove Date:	09/01/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported

THE COUNTRY CORNER (Continued) **U000257986**

Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02406
Longitude:	-83.07534

D28 **300 E SECOND STREET** **VCP** **S114024869**
SW **300 E SECOND STREET** **N/A**
< 1/8 **IMLAY CITY, MI 48933**
0.111 mi.
588 ft. **Site 4 of 5 in cluster D**

Relative:
Higher

Actual:
817 ft.

VCP:

Location ID:	44000298
Name:	300 E SECOND STREET
Address:	300 E SECOND STREET
City,State,Zip:	IMLAY CITY, MI 48933
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.02237465
Longitude:	-83.07438452

D29 **300 E SECOND STREET** **INVENTORY** **S107596688**
SW **300 E SECOND STREET** **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48933**
0.111 mi.
588 ft. **Site 5 of 5 in cluster D**

Relative:
Higher

Actual:
817 ft.

INVENTORY:

Name:	300 E SECOND STREET
Address:	300 E SECOND STREET
City,State,Zip:	IMLAY CITY, MI 48933
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02237465
Longitude:	-83.07438452

BEA:

Name:	300 E SECOND STREET
Address:	300 E SECOND STREET
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	1034
District:	Lansing
Date Received:	02/08/2006
Submitter Name:	B & B Storage LLC
Petition Determination:	Affirmed

300 E SECOND STREET (Continued) **S107596688**

Petition Disclosure:	1
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	300 E SECOND STREET
Address:	300 E SECOND STREET
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	1023
District:	Lansing
Date Received:	01/19/2006
Submitter Name:	B & B Storage, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported

300 E SECOND STREET (Continued) **S107596688**

Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

E30 **172 NORTH CEDAR STREET** **INVENTORY** **S108084247**
NE **172 NORTH CEDAR STREET** **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **VCP**
0.117 mi.
619 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Actual:
817 ft.

INVENTORY:

Name:	172 NORTH CEDAR STREET
Address:	172 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02529039
Longitude:	-83.07085175

BEA:

Name:	172 NORTH CEDAR STREET
Address:	172 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1067
District:	Lansing
Date Received:	04/27/2006
Submitter Name:	William S. Boom
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported

172 NORTH CEDAR STREET (Continued) **S108084247**

Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

VCP:

Location ID:	44000285
Name:	172 NORTH CEDAR STREET
Address:	172 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.02529039
Longitude:	-83.07085175

G31 **THERMOGAS CO** **AST** **A100206888**
SSE **225 S CEDAR ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.125 mi.
658 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
812 ft.

AST:

Name:	THERMOGAS CO
Address:	225 S CEDAR ST
City:	IMLAY CITY
Zip:	48444-1303
Facility ID:	92044017
Owner Name:	THERMOGAS CO
Owner Address:	225 S CEDAR ST
Owner City,St,Zip:	IMLAY CITY, MI 48444-1303
District:	2
Date of Collection:	07/26/2005
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Horizontal Datum:	NAD83
Latitude:	43.0267730
Longitude:	-83.070753
Tank Id:	ATK-029084-15
Tank Status:	Removed from Premises
Capacity (in gallons):	1000
Installation Date:	10/20/1993
Substance Stored:	Other
Removed/Closed Date:	09/01/1995
Tank Id:	ATK-101367-15

THERMOGAS CO (Continued) **A100206888**

Tank Status: Removed from Premises
Capacity (in gallons): 30000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/01/1995

Tank Id: ATK-043247-15
Tank Status: Removed from Premises
Capacity (in gallons): 30000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/01/1995

G32 **AUTOZONE INC** **RCRA-VSQG** **1007990105**
SSE **225 S CEDAR ST** **MIK677543514**
< 1/8 **IMLAY CITY, MI 48444**
0.125 mi.
658 ft. **Site 2 of 2 in cluster G**

Relative: **Higher**
Actual: **812 ft.**

RCRA Listings:

Date Form Received by Agency:	20050131
Handler Name:	Autozone Inc
Handler Address:	225 S CEDAR ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MIK677543514
Contact Name:	ANTHONY BLACKMER
Contact Address:	225 S CEDAR ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-721-8888
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	123 SOUTH FRONT STREET
Mailing City,State,Zip:	MEMPHIS, TN 38103
Owner Name:	Autozone Inc
Owner Type:	Private
Operator Name:	Autozone Inc
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:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

AUTOZONE INC (Continued) **1007990105**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: AUTOZONE INC	
Legal Status:	Private
Date Became Current:	20050131
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: AUTOZONE INC	
Legal Status:	Private
Date Became Current:	20050131
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

AUTOZONE INC (Continued) **1007990105**

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: 20050131
Handler Name: AUTOZONE INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44131
NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H33 **BROWNFIELDS** **S129490652**
WNW **213 EAST THIRD SREET** **N/A**
1/8-1/4 **IMLAY, MI**
0.148 mi.
782 ft. **Site 1 of 6 in cluster H**

Relative: **Higher**

Actual: **829 ft.**

BROWNFIELDS:
Name: Not reported
Address: 213 EAST THIRD SREET
City,State,Zip: IMLAY, MI
Facility ID: Not reported
Region: 1
Status: Not reported
Properry Use: Not reported
BEA: Not reported
Ernie Id Number: Not reported
X Coordinate: -83.07545
Y Coordinate: 43.024258
Project Name: Former Artplace Cleaners
Date Year Funded: 07/22/2022
Total Brownfield Incentives: 35000
Approved Amount: Not reported
Grant Award Amount: Not reported
Loan Award Amount: Not reported
Waterfront Award Amount: Not reported

(Continued) **S129490652**

Brownfield Site Assessment: Yes
Development Type: Not reported
Prior Use: Not reported
Contaminants: Not reported

H34 **ARTPLACE CLEANERS** **RCRA-VSQG** **1000347854**
WNW **213 E THIRD ST** **FINDS** **MID017143959**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.148 mi.
782 ft. **Site 2 of 6 in cluster H**

Relative: **Higher**
Actual: **829 ft.**

RCRA Listings:

Date Form Received by Agency:	20030403
Handler Name:	Artplace Cleaners
Handler Address:	213 E THIRD ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID017143959
Contact Name:	KITTY STORY
Contact Address:	213 E THIRD ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-724-7685
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	213 E THIRD ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	Placeway Scott
Owner Type:	Private
Operator Name:	Placeway Scott
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

ARTPLACE CLEANERS (Continued) **1000347854**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: PLACEWAY SCOTT	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: PLACEWAY SCOTT	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: PLACEWAY SCOTT	
Legal Status:	Private
Date Became Current:	19700101

ARTPLACE CLEANERS (Continued) **1000347854**

Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PLACEWAY SCOTT
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20030403
Handler Name: ARTPLACE CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860911
Handler Name: ARTPLACE CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:

ARTPLACE CLEANERS (Continued) **1000347854**

Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003588555

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1000347854
Registry ID:	110003588555
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003588555
Name:	ARTPLACE CLEANERS
Address:	213 E THIRD ST
City,State,Zip:	IMLAY CITY, MI 48444

H35 **FORMER ARTPLACE CLEANERS** **INVENTORY** **S111934145**
WNW **213 EAST THIRD STREET** **DRYCLEANERS** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.148 mi. **VCP**
782 ft. **Site 3 of 6 in cluster H**

Relative: Higher
Actual: 829 ft.

INVENTORY:

Name:	FORMER ARTPLACE CLEANERS
Address:	213 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Short-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02444397
Longitude:	-83.07546811

DRYCLEANERS:

Name:	IMLAY CITY CLEANERS
Address:	213 E THIRD ST
City,State,Zip:	IMLAY CITY, MI 48444
fadd2:	Not reported
Facility Status:	Closed
Establishment#:	4400005
DCM #:	Not reported
DCM Type:	Commercial
Total lb:	Not reported
Inspector:	joejaskowski

FORMER ARTPLACE CLEANERS (Continued) **S111934145**

Last Insp Date: Not reported

WDS:
Name: ARTPLACE CLEANERS
Address: 213 E THIRD ST
City,State,Zip: IMLAY CITY, MI 48444
Site Id: MID017143959
WMD Id: 394800
Site Specific Name: ARTPLACE CLEANERS
Mailing Address: 213 E THIRD ST
Mailing City/State/Zip: 48444
Mailing County: LAPEER

VCP:
Location ID: 44000335
Name: FORMER ARTPLACE CLEANERS
Address: 213 EAST THIRD STREET
City,State,Zip: IMLAY CITY, MI 48444
Location Type: Part 201 site
Township: Not reported
Work Unit: Lansing
Project Manager: Emily Peabody
Risk Condition: Risks Present and Require Action in Short-term
Latitude: 43.02444397
Longitude: -83.07546811

I36 **SPEEDWAY #8391** **LUST U002301906**
South **310 CEDAR ST** **UST N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **INVENTORY**
0.163 mi. **Financial Assurance**
862 ft. **Site 1 of 6 in cluster I**

Relative: **Higher**
Actual: **816 ft.**

LUST:
Name: SPEEDWAY #8391
Address: 310 CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Facility ID: 901
Source: Not reported
Owner Name: Algahim, Fawzi
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Contact: Not reported
Owner Phone: (248) 259-9214
Country: Not reported
District: Lansing
Site Name: Cms #26
Latitude: 43.02124
Longitude: -83.07252
Date of Collection: Not reported
Method of Collection: The geographic coordinate determination method based on address matching-house number.
Accuracy: 100
Accuracy Value Unit: Not reported
Horizontal Data: North American Datum of 1983
Point Line Area: Not reported
Desc Category: Not reported
Regulatory Program: Not reported

SPEEDWAY #8391 (Continued) **U002301906**

Risk Condition: Not reported
Project Manager: Not reported
Senate District: Not reported
House District: Not reported
US Congressional District: Not reported

Leak Number: 17037
Release Date: 09/10/1990
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1728-90
Release Date: 09/10/1990
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

UST:
Name: SPEEDWAY #8391
Address: 310 CEDAR ST
City,State,Zip: IMLAY CITY 48444
Facility Type: ACTIVE
Facility ID: 00000901
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported
Owner Phone: 9378643000
Contact: Erick Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 03/16/2015
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: Lansing District Office
Tank ID: 9
Capacity: 8000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 09/17/1990
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: 43.02124
Longitude: -83.07252

SPEEDWAY #8391 (Continued) **U002301906**

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	8
Capacity:	8000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	09/17/1990
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:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83

SPEEDWAY #8391 (Continued) **U002301906**

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:	Lansing District Office
Tank ID:	7
Capacity:	8000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	09/17/1990
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:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	6
Capacity:	8000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/08/1971
Remove Date:	09/12/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported

SPEEDWAY #8391 (Continued) **U002301906**

Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252
Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	5
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	04/08/1971
Remove Date:	09/12/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252
Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported

SPEEDWAY #8391 (Continued) **U002301906**

Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	4
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1974
Remove Date:	09/12/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	3
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1974

SPEEDWAY #8391 (Continued) **U002301906**

Remove Date:	09/11/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1974
Remove Date:	09/11/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901

SPEEDWAY #8391 (Continued) **U002301906**

Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	11
Capacity:	6000
Tank Status:	Currently In Use
Substance:	Kerosene
Install Date:	09/17/1990
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:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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

SPEEDWAY #8391 (Continued) **U002301906**

District:	Lansing District Office
Tank ID:	10
Capacity:	12000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	09/17/1990
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:	43.02124
Longitude:	-83.07252

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

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
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:	Lansing District Office
Tank ID:	1
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1968
Remove Date:	09/11/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported

SPEEDWAY #8391 (Continued) **U002301906**

Impressed Device: Not reported
Latitude: 43.02124
Longitude: -83.07252

INVENTORY:
Name: SPEEDWAY #8391
Address: 310 CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Township: Imlay City
District: Lansing
Data Source: Risks Present and Require Action in Short-term
Lust Name: Cms #26
Regulatory Program: 213
Release Status: Open
Project Manager: Eggleston, Michael
Latitude: 43.021246
Longitude: -83.07252

FINANCIAL ASSURANCE 3:
Name: SPEEDWAY #8391
Address: 310 CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Facility ID: 00000901
Exempt: No
Expiration Date: 12/18/2023
Bond Rating Tests: Not reported
Commerical Insurance: CHECKED
Guarantee: Not reported
Letter of Credit: Not reported
Risk Retention Group: Not reported
Self Insurance: Not reported
State Funds: Not reported
Surety Bond: Not reported
Trust Funds: Not reported
Year: 2022

I37 **SPEEDWAY SUPERAMERICA, LLC** **AUL** **S111932684**
South **310 S CEDAR STREET** **AIRS** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.174 mi.
918 ft. **Site 2 of 6 in cluster I**

Relative:
Higher

Actual:
817 ft.

AUL:
Name: SPEEDWAY #8391
Address: 310 SOUTH CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444
Status: Pending
Site Name: Not reported
Property: Off-Site
Land Use Restriction Type: MDOT
Program Type: Part 213
Program Support Assigned User: Not reported
Program Support Assigned Date: Not reported
Legal Description Of Property: Not reported
Based On The Deq Ref #: 19121316030
MDEQ Reference Number: MDOT-RRD-213-16-030
Property Or Description Restricted Area: Not reported

SPEEDWAY SUPERAMERICA, LLC (Continued) **S111932684**

Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	Not reported
Mapped Polygons Area In Acres:	Not reported
Mapped Polygons Area In Square Miles:	Not reported
Date Data Entry Started:	Not reported
Date Data Entry Finished:	Not reported
Individual Or Staff Assoc With The Mapping:	Not reported
Program Used To Map Restricted Features:	Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	Not reported
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	0
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20160930 - Reference number was requested by Maureen Johnston of ATC Group Services LLC - Nick Ekel
Map Comments:	Not reported

AIRS:

Name:	SPEEDWAY SUPERAMERICA, LLC
Address:	310 S CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
State Registration Number:	P0027
Naics Code:	Not reported
Contact Email:	Not reported
Contact Name:	KEITH HUGHES
Contact Phone:	9378637642
Contact Address:	500 SPEEDWAY DRIVE
Contact City,St,Zip:	ENON, OH 45323
Permit Number:	5-10
Date Received:	01/07/2010
Application Reason:	GENERAL PTI - SOIL OR GROUNDWATER REMEDIATION
Record Type:	Not reported
State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Tribal Code:	Not reported
Facility Status Code:	Not reported
Facility Status:	Active
Supplemental Location Text:	SSA #8391
Business Name:	Not reported
Principal Product:	Not reported

SPEEDWAY SUPERAMERICA, LLC (Continued) **S111932684**

Principal Product Description:	Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System):	Not reported
UTM Horizontal Coord:	Not reported
UTM Vertical Coord:	Not reported
Mailing Name:	Not reported
Mailing Contact Person:	Not reported
Mailing Street:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip 4 Extension:	Not reported
Compliance Person:	Not reported
Compliance Area Code:	Not reported
Compliance Phone Number:	Not reported
Emission Inventory Contact Person:	Not reported
EI Contact Area Code:	Not reported
EI Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

WDS:

Name:	SPEEDWAY LLC
Address:	310 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MI0000961854
WMD Id:	391624
Site Specific Name:	SPEEDWAY 8391
Mailing Address:	P O BOX 1500
Mailing City/State/Zip:	45501
Mailing County:	Not reported

I38 **SPEEDWAY LLC** **RCRA-VSQG** **1004722457**
South **310 S CEDAR ST** **FINDS** **MI0000961854**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.174 mi.
918 ft. **Site 3 of 6 in cluster I**

Relative: **Higher**
Actual: **817 ft.**

RCRA Listings:

Date Form Received by Agency:	20120705
Handler Name:	Speedway Llc
Handler Address:	310 S CEDAR ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MI0000961854
Contact Name:	CHARLES A BESSE
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	937-863-6272
Contact Fax:	937-863-6078
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private

SPEEDWAY LLC (Continued) **1004722457**

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:	P O BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501
Owner Name:	Speedway Llc
Owner Type:	Private
Operator Name:	Speedway Llc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20120706
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

SPEEDWAY LLC (Continued) **1004722457**

Waste Description: Ignitable Waste

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC
Legal Status: Private
Date Became Current: 19980101
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: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 19980101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 19980101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC
Legal Status: Private
Date Became Current: 19980101
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: SPEEDWAY SUPERAMERICA LLC
Legal Status: Private
Date Became Current: 19980101
Date Ended Current: Not reported
Owner/Operator Address: Not reported

SPEEDWAY LLC (Continued) **1004722457**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC
Legal Status: Private
Date Became Current: 19980101
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: 19941201
Handler Name: SPEEDWAY SUPERAMERICA LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20051110
Handler Name: SPEEDWAY SUPERAMERICA LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120705
Handler Name: SPEEDWAY LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

SPEEDWAY LLC (Continued) **1004722457**

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003569978

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:
Envid: 1004722457
Registry ID: 110003569978
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003569978
Name: SPEEDWAY LLC
Address: 310 S CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444

J39 **LAPEER COUNTY CO-OP INC** **UST** **U002301893**
WSW **140 E 2ND ST** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444**
0.180 mi.
951 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
819 ft.

UST:
Name: LAPEER COUNTY CO-OP INC
Address: 140 E 2ND ST
City,State,Zip: IMLAY CITY 48444-1332
Facility Type: CLOSED
Facility ID: 00007512
Owner Name: LAPEER COUNTY COOP INC
Owner Address: 155 S SAGINAW ST
Owner City: LAPEER
Owner State: MI
Owner Zip: 48446-2603
Owner Contact: Not reported
Owner Phone: 8106642907
Contact: DONALD CURREY
Contact Phone: (810) 664-2907
Date of Collection: 01/11/2001

LAPEER COUNTY CO-OP INC (Continued) **U002301893**

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:	Lansing District Office
Tank ID:	1
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	03/19/1977
Remove Date:	06/23/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02282
Longitude:	-83.07647

J40 **MI DEPT/AGRICULTURE** **RCRA NonGen / NLR** **1007102243**
WSW **140 E 2ND ST** **MIP200001520**
1/8-1/4 **IMLAY CITY, MI 48444**
0.180 mi.
951 ft. **Site 2 of 3 in cluster J**

Relative: **Higher**

Actual: **819 ft.**

RCRA Listings:

Date Form Received by Agency:	19800101
Handler Name:	Mi Dept/Agriculture
Handler Address:	140 E 2ND ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MIP200001520
Contact Name:	CHARLES CUBBAGE
Contact Address:	140 E 2ND ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	517-330-9483
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	140 E 2ND ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	Mi Dept/Agriculture
Owner Type:	State
Operator Name:	Mi Dept/Agriculture

MI DEPT/AGRICULTURE (Continued) **1007102243**

Operator Type:	State
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MI DEPT/AGRICULTURE	
Legal Status:	State
Date Became Current:	20070101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

MI DEPT/AGRICULTURE (Continued) **1007102243**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MI DEPT/AGRICULTURE
Legal Status: State
Date Became Current: 20070101
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: 19800101
Handler Name: MI DEPT/AGRICULTURE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J41 **140 EAST 2ND STREET** **INVENTORY** **S111954329**
WSW **140 EAST 2ND STREET** **BEA** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.180 mi. **VCP**
951 ft. **Site 3 of 3 in cluster J**

Relative: Higher
Actual: 819 ft.

INVENTORY:
Name: 140 EAST 2ND STREET
Address: 140 EAST 2ND STREET
City,State,Zip: IMLAY CITY, MI 48444
Township: Not reported
District: Lansing
Data Source: Risks Present and Require Action in Long-term
Lust Name: Not reported
Regulatory Program: 201

140 EAST 2ND STREET (Continued) **S111954329**

Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.02307999
Longitude:	-83.07585673

BEA:

Name:	140 EAST 2ND STREET
Address:	140 EAST 2ND STREET
City,State,Zip:	MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	07/21/2016
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:	44000282
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602191LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-07-25 13:47:39
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category B1 Associated ID #s like ITS and Site ID go here. REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: (enter information here) (any other information is entered here) Notification provided to: Date: (Name here)
Organization:	City Grain LLC
Contact:	Ed Bulzan
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

WDS:

Name:	MI DEPT/AGRICULTURE
Address:	140 E 2ND ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIP200001520
WMD Id:	435405
Site Specific Name:	MI DEPT/AGRICULTURE

140 EAST 2ND STREET (Continued) **S111954329**

Mailing Address: 140 E 2ND ST
Mailing City/State/Zip: 48444
Mailing County: LAPEER

VCP:
Location ID: 44000282
Name: 140 EAST 2ND STREET
Address: 140 EAST 2ND STREET
City,State,Zip: IMLAY CITY, MI 48444
Location Type: Part 201 site
Township: Not reported
Work Unit: Lansing
Project Manager: Emily Peabody
Risk Condition: Risks Present and Require Action in Long-term
Latitude: 43.02307999
Longitude: -83.07585673

H42 **CLOTHES BASKET CLEANERS** **DRYCLEANERS** **S117978158**
West **144 EAST THIRD STREET** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444**
0.187 mi.
989 ft. **Site 4 of 6 in cluster H**

Relative: **Higher**
Actual: **830 ft.**

DRYCLEANERS:
Name: RAINBOW DRY CLEANERS
Address: 144 EAST THIRD STREET
City,State,Zip: IMLAY CITY, MI 48444
fadd2: Not reported
Facility Status: Closed
Establishment#: 4400003
DCM #: Not reported
DCM Type: Commercial
Total lb: Not reported
Inspector: joejaskowski
Last Insp Date: Not reported

Name: CLOTHES BASKET CLEANERS
Address: 144 EAST THIRD STREET
City,State,Zip: IMLAY CITY, MI 48444
fadd2: Not reported
Facility Status: Closed
Establishment#: 4400004
DCM #: Not reported
DCM Type: Commercial
Total lb: Not reported
Inspector: Not reported
Last Insp Date: Not reported

H43 **COLES CLEANERS INC** **RCRA NonGen / NLR** **1000220638**
West **144 E 3RD ST** **FINDS** **MID064190697**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.187 mi.
989 ft. **Site 5 of 6 in cluster H**

Relative: **Higher**
Actual: **830 ft.**

RCRA Listings:

Date Form Received by Agency:	19860911
Handler Name:	Coles Cleaners Inc
Handler Address:	144 E 3RD ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID064190697
Contact Name:	CARMEN BOTELLO
Contact Address:	144 E 3RD ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	313-724-6213
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	144 E 3RD ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	No Active O/Op As Not Generating Waste
Owner Type:	Private
Operator Name:	No Active O/Op As Not Generating Waste
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

COLES CLEANERS INC (Continued) **1000220638**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	19700103
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	19700103
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:	19860911
Handler Name:	COLES CLEANERS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

COLES CLEANERS INC (Continued) **1000220638**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003600988

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:
Envid: 1000220638
Registry ID: 110003600988
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003600988
Name: COLES CLEANERS INC
Address: 144 E 3RD ST
City,State,Zip: IMLAY CITY, MI 48444

H44 **144 EAST 3RD STREET, IMLAY CITY** **INVENTORY** **S111935040**
West **144 EAST 3RD STREET** **WDS** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **VCP**
0.187 mi.
989 ft. **Site 6 of 6 in cluster H**

Relative:
Higher

Actual:
830 ft.

INVENTORY:
Name: 144 EAST 3RD STREET, IMLAY CITY
Address: 144 EAST 3RD STREET
City,State,Zip: IMLAY CITY, MI 48444
Township: Not reported
District: Lansing
Data Source: Risks Present and Immediate
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Peabody, Emily
Latitude: 43.02424445

144 EAST 3RD STREET, IMLAY CITY (Continued) **S111935040**

Longitude: -83.07651986

WDS:
Name: COLES CLEANERS INC
Address: 144 E 3RD ST
City,State,Zip: IMLAY CITY, MI 48444
Site Id: MID064190697
WMD Id: 396733
Site Specific Name: COLES CLEANERS
Mailing Address: 144 E 3RD ST
Mailing City/State/Zip: 48444
Mailing County: LAPEER

VCP:
Location ID: 44000273
Name: 144 EAST 3RD STREET, IMLAY CITY
Address: 144 EAST 3RD STREET
City,State,Zip: IMLAY CITY, MI 48444
Location Type: Part 201 site
Township: Not reported
Work Unit: Lansing
Project Manager: Emily Peabody
Risk Condition: Risks Present and Immediate
Latitude: 43.02424445
Longitude: -83.07651986

I45 **VERIZON NORTH INC** **RCRA-VSQG** **1000213251**
South **311 S CEDAR ST** **FINDS** **MID124231481**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.195 mi.
1029 ft. **Site 4 of 6 in cluster I**

Relative: **Higher**
Actual: **820 ft.**

RCRA Listings:
Date Form Received by Agency: 20050308
Handler Name: Verizon North Inc
Handler Address: 311 S CEDAR ST
Handler City,State,Zip: IMLAY CITY, MI 48444
EPA ID: MID124231481
Contact Name: PAUL GEBHARD
Contact Address: 311 S CEDAR ST
Contact City,State,Zip: IMLAY CITY, MI 48444
Contact Telephone: 317-896-6147
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 05
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1500 MACCORKLE AVE SE
Mailing City,State,Zip: CHARLESTON, WV 25314
Owner Name: Gte North Inc

VERIZON NORTH INC (Continued) **1000213251**

Owner Type:	Private
Operator Name:	Verizon North Inc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GTE NORTH INC	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

VERIZON NORTH INC (Continued) **1000213251**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VERIZON NORTH INC
Legal Status: Private
Date Became Current: 20000925
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GTE NORTH INC
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VERIZON NORTH INC
Legal Status: Private
Date Became Current: 20000925
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VERIZON NORTH INC
Legal Status: Private
Date Became Current: 20000925
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: GTE NORTH INC
Legal Status: Private

VERIZON NORTH INC (Continued) **1000213251**

Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: VERIZON NORTH INC	
Legal Status:	Private
Date Became Current:	20000925
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: VERIZON NORTH INC	
Legal Status:	Private
Date Became Current:	20000925
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: VERIZON NORTH INC	
Legal Status:	Private
Date Became Current:	20000925
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: GTE NORTH INC	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VERIZON NORTH INC (Continued) **1000213251**

Owner/Operator Indicator: Operator
Owner/Operator Name: GTE NORTH INC
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GTE NORTH INC
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19851127
Handler Name: VERIZON NORTH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000925
Handler Name: VERIZON NORTH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050308
Handler Name: VERIZON NORTH INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

VERIZON NORTH INC (Continued) **1000213251**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 51711
NAICS Description: WIRED AND WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003612671

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:
Envid: 1000213251
Registry ID: 110003612671
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003612671
Name: VERIZON NORTH INC
Address: 311 S CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444

I46 **GTE NORTH, INC** **LUST U003867045**
South **311 S CEDAR ST** **UST N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.195 mi.
1029 ft. **Site 5 of 6 in cluster I**

Relative: Higher
Actual: 820 ft.

LUST:
Name: GTE NORTH, INC
Address: 311 S CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Facility ID: 11214
Source: Not reported
Owner Name: Gymnastics Phy Dev Inc, Branch
Owner Address: Not reported
Owner City,St,Zip: Not reported

GTE NORTH, INC (Continued) **U003867045**

Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Gte Operations Facility
Latitude:	43.02118
Longitude:	-83.07194
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	19835
Release Date:	06/18/1992
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	07/14/2001

Leak Number:	C-0988-92
Release Date:	06/18/1992
Substance Released:	Gasoline
Release Status:	Closed
Release Closed Date:	07/14/2001

UST:

Name:	GTE NORTH, INC
Address:	311 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1305
Facility Type:	CLOSED
Facility ID:	00011214
Owner Name:	GTE NORTH INC
Owner Address:	8001 W JEFFERSON BLVD
Owner City:	FORT WAYNE
Owner State:	IN
Owner Zip:	46804-4141
Owner Contact:	Not reported
Owner Phone:	2194612478
Contact:	THOMAS L. POTTSCHMIDT
Contact Phone:	(219) 461-2138
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:	Lansing District Office

GTE NORTH, INC (Continued) **U003867045**

Tank ID:	3
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	04/30/1973
Remove Date:	06/18/1992
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02118
Longitude:	-83.07194

Name:	GTE NORTH, INC
Address:	311 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1305
Facility Type:	CLOSED
Facility ID:	00011214
Owner Name:	GTE NORTH INC
Owner Address:	8001 W JEFFERSON BLVD
Owner City:	FORT WAYNE
Owner State:	IN
Owner Zip:	46804-4141
Owner Contact:	Not reported
Owner Phone:	2194612478
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	1130030B
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/30/1973
Remove Date:	06/18/1992
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

GTE NORTH, INC (Continued) **U003867045**

WDS:

Name:	VERIZON NORTH INC
Address:	311 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MID124231481
WMD Id:	398541
Site Specific Name:	VERIZON NORTH INC
Mailing Address:	1500 MACCORKLE AVE SE
Mailing City/State/Zip:	25314
Mailing County:	Not reported

I47 **DODGE CS AND SON AND SON INC** **RCRA NonGen / NLR** **1000528812**
South **320 S CEDAR ST** **FINDS** **MID985612399**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.202 mi.
1067 ft. **Site 6 of 6 in cluster I**

Relative:
Higher

Actual:
819 ft.

RCRA Listings:

Date Form Received by Agency:	20010826
Handler Name:	Dodge Cs And Son And Son Inc
Handler Address:	320 S CEDAR ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID985612399
Contact Name:	MICHAEL DODGE
Contact Address:	320 S CEDAR ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-724-6305
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	320 S CEDAR ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	Burns Dennis
Owner Type:	Private
Operator Name:	Burns Dennis
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

DODGE CS AND SON AND SON INC (Continued) **1000528812**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BURNS DENNIS	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: BURNS DENNIS	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

DODGE CS AND SON AND SON INC (Continued) **1000528812**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BURNS DENNIS
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BURNS DENNIS
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20010826
Handler Name: DODGE CS AND SON AND SON INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910507
Handler Name: DODGE CS AND SON AND SON INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44131

DODGE CS AND SON AND SON INC (Continued) **1000528812**

NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003657105

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1000528812
Registry ID:	110003657105
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003657105
Name:	DODGE CS AND SON AND SON INC
Address:	320 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444

K48 **STYLE TECH'S** **RCRA-VSQG** **1026832782**
WNW **101 E THIRD ST** **MIK174921930**
1/8-1/4 **IMLAY CITY, MI 48444**
0.235 mi.
1242 ft. **Site 1 of 2 in cluster K**

Relative: **Higher**
Actual: **828 ft.**

RCRA Listings:

Date Form Received by Agency:	20210319
Handler Name:	Style Tech'S
Handler Address:	101 E THIRD ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MIK174921930
Contact Name:	TERESA CAMPBELL
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	810-614-2932
Contact Fax:	Not reported
Contact Email:	TERESACAMPBELL10@GMAIL.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

STYLE TECH'S (Continued) **1026832782**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	101 E THIRD ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	Style Tech'S
Owner Type:	Private
Operator Name:	Style Tech'S
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20210819
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

STYLE TECH'S (Continued) **1026832782**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: STYLE TECH'S
Legal Status: Private
Date Became Current: 20210319
Date Ended Current: Not reported
Owner/Operator Address: 101 E THIRD ST
Owner/Operator City,State,Zip: IMLAY CITY, MI 48444-1319
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: STYLE TECH'S
Legal Status: Private
Date Became Current: 20210319
Date Ended Current: Not reported
Owner/Operator Address: 101 E THIRD ST
Owner/Operator City,State,Zip: IMLAY CITY, MI 48444-1319
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: 20210319
Handler Name: STYLE TECH'S
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 812199
NAICS Description: OTHER PERSONAL CARE SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

49
NW
1/8-1/4
0.239 mi.
1260 ft.

GTE NORTH INC
155 E 4TH ST
IMLAY CITY, MI 48444

UST **U000257966**
N/A

Relative:
Higher

Actual:
828 ft.

UST:

Name:	GTE NORTH INC
Address:	155 E 4TH ST
City,State,Zip:	IMLAY CITY 48444-1197
Facility Type:	CLOSED
Facility ID:	00018348
Owner Name:	GTE NORTH INC
Owner Address:	41140 BRIDGE ST
Owner City:	NOVI
Owner State:	MI
Owner Zip:	48375-1300
Owner Contact:	Not reported
Owner Phone:	3178966605
Contact:	MR CHARLES HARTER
Contact Phone:	(219) 461-2307
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:	Lansing District Office
Tank ID:	1
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/07/1985
Remove Date:	06/23/1997
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:	43.02574
Longitude:	-83.07672

50
ESE
1/8-1/4
0.245 mi.
1292 ft.

AMERIGAS EAGLE
600 E 1ST ST
IMLAY CITY, MI 48444

AST **A100270288**
N/A

Relative:
Lower

Actual:
802 ft.

AST:

Name:	AMERIGAS EAGLE
Address:	600 E 1ST ST
City:	IMLAY CITY
Zip:	48444-1364
Facility ID:	92084174
Owner Name:	AMERIGAS EAGLE

AMERIGAS EAGLE (Continued) **A100270288**

Owner Address:	830 CANTERBURY RD
Owner City,St,Zip:	WEST LAKE, OH 44145
District:	2
Date of Collection:	07/26/2005
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Horizontal Datum:	NAD83
Latitude:	43.0219000
Longitude:	-83.070724
Tank Id:	ATK-086124-15
Tank Status:	Removed from Premises
Capacity (in gallons):	30000
Installation Date:	11/04/1998
Substance Stored:	LPG,Other
Removed/Closed Date:	11/19/2003

51
North
1/4-1/2
0.265 mi.
1399 ft.

COUNTRY CORNER **LUST** **S102852168**
345 N CEDAR ST **N/A**
IMLAY CITY, MI 48444

Relative:
Higher

Actual:
822 ft.

LUST:

Name:	COUNTRY CORNER
Address:	345 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	50000104
Source:	Not reported
Owner Name:	Ronk, Steve
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Country Corners
Latitude:	43.02714
Longitude:	-83.07143
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	15365

COUNTRY CORNER (Continued) **S102852168**

Release Date: 11/02/1989
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 10/19/1993

K52 **W NEIL SPINK DDS** **LUST U003995517**
WNW **110 W 3RD ST** **UST N/A**
1/4-1/2 **IMLAY CITY, MI 48444**
0.269 mi.
1420 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
828 ft.

LUST:
Name: W NEIL SPINK DDS
Address: 110 W 3RD ST
City,State,Zip: IMLAY CITY, MI 48444
Facility ID: 41744
Source: Not reported
Owner Name: SLAGTER, ROGER
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Contact: Not reported
Owner Phone: Not reported
Country: Not reported
District: Lansing
Site Name: W Neil spink DDS
Latitude: 43.02402
Longitude: -83.07777
Date of Collection: Not reported
Method of Collection: The geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off).
Accuracy: 100
Accuracy Value Unit: Not reported
Horizontal Data: North American Datum of 1983
Point Line Area: Not reported
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: 8144
Release Date: 01/06/2005
Substance Released: Used Oil
Release Status: Closed
Release Closed Date: 05/23/2005

Leak Number: C-0172-05
Release Date: 01/06/2005
Substance Released: Used Oil
Release Status: Closed
Release Closed Date: 05/23/2005

UST:
Name: W NEIL SPINK DDS
Address: 110 W 3RD ST
City,State,Zip: IMLAY CITY, MI 48444-1096
Facility Type: Removed from Ground

W NEIL SPINK DDS (Continued) **U003995517**

Facility ID:	00041744
Owner Name:	W NEIL SPINK DDS
Owner Address:	110 W THIRD ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246441
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Nrt-2
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	1988-12-01 00:00:00
Tank Number:	UTK-120457-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Other
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Other,Unknown
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444-1096
Facility Type:	Removed from Ground
Facility ID:	00041744
Owner Name:	W NEIL SPINK DDS
Owner Address:	110 W THIRD ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246441
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported

W NEIL SPINK DDS (Continued) **U003995517**

Method of Collection:	Not reported
District:	Not reported
Tank ID:	Nrt-1
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	1988-12-01 00:00:00
Tank Number:	UTK-120456-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Other
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Other,Unknown
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY 48444-1096
Facility Type:	CLOSED
Facility ID:	00041744
Owner Name:	W NEIL SPINK DDS
Owner Address:	110 W THIRD ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246441
Contact:	W Neil Spink DDS
Contact Phone:	(810) 724-6441
Date of Collection:	07/26/2005
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:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	1
Capacity:	500
Tank Status:	Closed in Ground
Substance:	Used Oil
Install Date:	Not reported
Remove Date:	01/01/1988
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02402

W NEIL SPINK DDS (Continued) **U003995517**

Longitude: -83.07777

53
South
1/4-1/2
0.415 mi.
2190 ft.

PELINE PROPERTY / MCDONALD PLAZA
587 S CEDAR ST
IMLAY CITY, MI 48444

LUST **U001147832**
UST **N/A**
INVENTORY
BEA

Relative:
Higher

Actual:
822 ft.

LUST:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	36390
Source:	Not reported
Owner Name:	CRAMBLET, C.C.
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Mcdonald Plaza
Latitude:	43.01758
Longitude:	-83.07183
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	30297
Release Date:	11/16/1999
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported
Leak Number:	C-1172-99
Release Date:	11/16/1999
Substance Released:	Unknown
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1346
Facility Type:	CLOSED
Facility ID:	00036390
Owner Name:	REMO PELINI

PELINE PROPERTY / MCDONALD PLAZA (Continued) **U001147832**

Owner Address:	46456 SPRUCE DR
Owner City:	SHELBY TOWNSHIP
Owner State:	MI
Owner Zip:	48315-5756
Owner Contact:	Not reported
Owner Phone:	2486898660
Contact:	MR REMO PELINI
Contact Phone:	(313) 689-8660
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:	Lansing District Office
Tank ID:	1
Capacity:	Not reported
Tank Status:	Removed from Ground
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	11/06/1999
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:	43.01758
Longitude:	-83.07183

INVENTORY:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Controlled-Interim
Lust Name:	Mcdonald Plaza
Regulatory Program:	213
Release Status:	Open
Project Manager:	Eggleston, Michael
Latitude:	43.017587
Longitude:	-83.071838

BEA:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/01/2016

PELINE PROPERTY / MCDONALD PLAZA (Continued) **U001147832**

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:	00036390
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602195LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-08-01 14:45:20
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category B1 Associated ID #s like ITS and Site ID go here. FID 36390 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: (enter information here) (any other information is entered here) Notification provided to: Date: (N
Organization:	Livingworks LLC
Contact:	Keith Goodreau
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

54
North
1/4-1/2
0.424 mi.
2239 ft.

QWIK STOP #7
557 N CEDAR ST
IMLAY CITY, MI 48444

LUST **1000465329**
UST **N/A**
INVENTORY
BEA
WDS

Relative:
Higher

Actual:
823 ft.

LUST:

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	16549
Source:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Tri-county Petroleum
Latitude:	43.03002
Longitude:	-83.07171

QWIK STOP #7 (Continued) **1000465329**

Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	18316
Release Date:	02/25/1991
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-0285-91
Release Date:	02/25/1991
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	6
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975
Remove Date:	06/19/1991
Tank Number:	Not reported

QWIK STOP #7 (Continued) **1000465329**

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:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	5
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975
Remove Date:	06/19/1991
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:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS

QWIK STOP #7 (Continued) **1000465329**

Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	4
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975
Remove Date:	06/19/1991
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:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	3

QWIK STOP #7 (Continued) **1000465329**

Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975
Remove Date:	06/19/1991
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:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/23/1975
Remove Date:	06/19/1991
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:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7

QWIK STOP #7 (Continued) **1000465329**

Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/23/1975
Remove Date:	06/19/1991
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:	43.03002
Longitude:	-83.07171

INVENTORY:

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Tri-county Petroleum
Regulatory Program:	213
Release Status:	Open
Project Manager:	Eggleston, Michael
Latitude:	43.030023
Longitude:	-83.071714

BEA:

Name:	QWIK STOP #7
Address:	557 N CEDAR ST

QWIK STOP #7 (Continued) **1000465329**

City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/03/1998
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:	00016549
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	P199800222LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Not reported
Organization:	Imlay City Investments, L.L.C.
Contact:	Abi-Raji, Antoine
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/24/1998
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:	00016549
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B199800231LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City

QWIK STOP #7 (Continued) **1000465329**

Work Unit:	Lansing
Comments:	Not reported
Organization:	Imlay City Investments, L.L.C.
Contact:	Abi-Raji, Antoine
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/07/1997
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:	00016549
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	P199700158LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Not reported
Organization:	Rite Aid Corp. of Michigan
Contact:	Kirkwood, Paul
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

WDS:

Name:	PERRY DRUG STORES INC
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MID985599612

QWIK STOP #7 (Continued) **1000465329**

WMD Id:	403939
Site Specific Name:	RITE AID #4330
Mailing Address:	PO BOX 3165
Mailing City/State/Zip:	17105
Mailing County:	Not reported

L55 **IMLAY QUICKMART INC** **LUST U000258055**
NNE **546 N CEDAR ST** **UST N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **WDS**
0.432 mi.
2281 ft. **Site 1 of 3 in cluster L**

Relative: **Higher**

Actual: **813 ft.**

LUST:

Name:	J & J IMLAY CITY LLC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	10667
Source:	Not reported
Owner Name:	Isd, Huron
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Lansing
Site Name:	Total #548
Latitude:	43.02984
Longitude:	-83.07063
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off).
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	17046
Release Date:	10/16/1990
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	21456
Release Date:	02/08/1993
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	24899
Release Date:	09/14/1995
Substance Released:	Not reported

IMLAY QUICKMART INC (Continued) **U000258055**

Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0237-93
Release Date: 02/08/1993
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 12/15/2002

Leak Number: C-1058-95
Release Date: 09/14/1995
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 12/15/2002

Leak Number: C-1962-90
Release Date: 10/16/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 12/15/2002

UST:
Name: IMLAY QUICKMART INC
Address: 546 N CEDAR ST
City,State,Zip: IMLAY CITY 48444-1166
Facility Type: ACTIVE
Facility ID: 00010667
Owner Name: ALARIS GROUP LLC
Owner Address: 41277 VANCOUVER
Owner City: STERLING HEIGHTS
Owner State: MI
Owner Zip: 48314
Owner Contact: Not reported
Owner Phone: 2488803434
Contact: Manhal Botrus
Contact Phone: (248) 880-3434
Date of Collection: 03/16/2015
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: GPS Code Meas. Standard Positioning Service SA Off
District: Lansing District Office
Tank ID: 6
Capacity: 30000
Tank Status: Currently In Use
Substance: Diesel,Gasoline,Other(Tank has compartments)
Install Date: 11/18/2001
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

IMLAY QUICKMART INC (Continued) **U000258055**

Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063
Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	5
Capacity:	50
Tank Status:	Removed from Ground
Substance:	Other(Floor Hoist)
Install Date:	05/01/1966
Remove Date:	04/07/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus

IMLAY QUICKMART INC (Continued) **U000258055**

Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
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:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	4
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	01/01/1970
Remove Date:	10/04/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
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:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	3
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/01/1966
Remove Date:	07/23/2001
Tank Number:	Not reported

IMLAY QUICKMART INC (Continued) **U000258055**

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:	43.02984
Longitude:	-83.07063

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
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:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	2
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/01/1966
Remove Date:	07/23/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER

IMLAY QUICKMART INC (Continued) **U000258055**

Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
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:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	1
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/01/1966
Remove Date:	07/23/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063

WDS:

Name:	E-Z QUICK MART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MI0000565374
WMD Id:	391230
Site Specific Name:	E-Z QUICK MART INC
Mailing Address:	PO BOX 413
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

L56 **J & J IMLAY CITY LLC** **INVENTORY** **S118614832**
NNE **546 N CEDAR ST** **BEA** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **Financial Assurance**
0.432 mi.
2281 ft. **Site 2 of 3 in cluster L**

Relative:
Higher

Actual:
813 ft.

INVENTORY:

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risk Controlled

J & J IMLAY CITY LLC (Continued) **S118614832**

Lust Name:	Total #548
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Eggleston, Michael
Latitude:	43.02984
Longitude:	-83.070633

BEA:

Name:	J & J IMLAY CITY LLC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/07/2016
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:	Not reported
Submittal Type:	Not reported
Submittal Number:	B201602153LA
Approval Status:	RRD Received
Workflow Status:	Withdrawn
Date Submitted:	2016-03-08 07:51:56
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Category A1 Associated ID #s like ITS and Site ID go here. FID No. 10667 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Closed 213 site, due care onging obligations bu current and future owners/operators. Notification provided to: Date:
Organization:	Alaris Group, LLC
Contact:	Manhal Botrus, Migrate from ERNIE
Contact Type:	Not reported
Organization Street Address:	41277 Vancouver
Organization City:	Sterling Heights
Organization State:	M
Organization Zip Code:	48314
Organization County:	Not reported
Contact Street Address:	No Address Provided
Contact City:	No City
Contact Zip Code:	Not reported
Contact State:	M

Name:	J & J IMLAY CITY LLC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/07/2016

J & J IMLAY CITY LLC (Continued) **S118614832**

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:	Not reported
Submittal Type:	Not reported
Submittal Number:	B201602154LA
Approval Status:	RRD Received
Workflow Status:	Withdrawn
Date Submitted:	2016-03-08 07:54:32
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Category A1 Associated ID #s like ITS and Site ID go here. FID No. 10667 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Closed 213 site, due care onging obligations bu current and future owners/operators. Notification provided to: Date:
Organization:	Imlay Quickmart Inc.
Contact:	Manhal Botrus, Migrate from ERNIE
Contact Type:	Not reported
Organization Street Address:	41277 Vancouver
Organization City:	Sterling Heights
Organization State:	M
Organization Zip Code:	48314
Organization County:	Not reported
Contact Street Address:	No Address Provided
Contact City:	No City
Contact Zip Code:	Not reported
Contact State:	M

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/07/2016
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:	00010667
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602154LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-03-08 07:54:32
Date Completed:	Not reported
Township:	Imlay City

J & J IMLAY CITY LLC (Continued) **S118614832**

Work Unit:	Lansing
Comments:	Category A1 Associated ID #s like ITS and Site ID go here. FID No. 10667 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Closed 213 site, due care onging obligations bu current and future owners/operators. Notification provided to: Date:
Organization:	Imlay Quickmart Inc.
Contact:	Manhal Botrus
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/07/2016
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:	00010667
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602153LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-03-08 07:51:56
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category A1 Associated ID #s like ITS and Site ID go here. FID No. 10667 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Closed 213 site, due care onging obligations bu current and future owners/operators. Notification provided to: Date:
Organization:	Alaris Group, LLC
Contact:	Manhal Botrus
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported

J & J IMLAY CITY LLC (Continued) **S118614832**

Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

FINANCIAL ASSURANCE 3:

Name:	J & J IMLAY CITY LLC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-1166
Facility ID:	00010667
Exempt:	No
Expiration Date:	10/19/2024
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

L57 **EZ QUICK MART INC #1** **AUL** **S109846080**
NNE **546 NORTH CEDAR** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444**
0.432 mi.
2281 ft. **Site 3 of 3 in cluster L**

Relative:
Higher

Actual:
813 ft.

AUL:

Name:	EZ QUICK MART INC #1
Address:	546 NORTH CEDAR
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	EZ Quick Mart Inc #1
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	10/15/2010
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	11121304138
MDEQ Reference Number:	RC-RRD-213-04-138
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121304138.PDF
Mapped Polygons Area In Acres:	2.8744999999999998
Mapped Polygons Area In Square Miles:	0.0044
Date Data Entry Started:	09/26/2011
Date Data Entry Finished:	09/26/2011
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcINFO 9.3 & IcoMAP 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	01/15/2002
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	1
Commercial Iv Land Use Restriction:	1

EZ QUICK MART INC #1 (Continued) **S109846080**

Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
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:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	Request received on 6/8/2004
Map Comments:	20101015 - LRUR is NOT mapped in KERMIT - Nick Ekel 20110926 - LRUR is mapped in KERMIT - Nick Ekel

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58 **430 EAST CAPAC ROAD** **INVENTORY** **S112241410**
North **430 EAST CAPAC ROAD** **BEA** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **VCP**
0.455 mi.
2405 ft.

Relative:
Higher

Actual:
823 ft.

INVENTORY:

Name:	430 EAST CAPAC ROAD
Address:	430 EAST CAPAC ROAD
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.03044343
Longitude:	-83.07309347

BEA:

Name:	430 EAST CAPAC ROAD
Address:	430 EAST CAPAC ROAD
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1763
District:	Lansing
Date Received:	09/19/2012
Submitter Name:	MiCB-MaCB RE Holdings I, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Not reported
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	RD
Location ID:	Not reported
Submittal Type:	Not reported

430 EAST CAPAC ROAD (Continued) **S112241410**

Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

VCP:

Location ID:	44000310
Name:	430 EAST CAPAC ROAD
Address:	430 EAST CAPAC ROAD
City,State,Zip:	IMLAY CITY, MI 48444
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.03044343
Longitude:	-83.07309347

---

59 **SOUTH CEDAR STEEL** **LUST** **1000691447**
SSE **599 S CEDAR ST** **UST** **MID985642172**
1/4-1/2 **IMLAY CITY, MI 48444** **RCRA NonGen / NLR**
0.463 mi. **FINDS**
2442 ft. **ECHO**
AIRS
Relative: Higher **WDS**

Actual: 821 ft.

LUST:

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	37934
Source:	Not reported
Owner Name:	Jenkins, Herb
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	906-235-5096
Country:	Not reported
District:	Lansing
Site Name:	S Cedar Steel Works, Main Plant
Latitude:	43.01745

SOUTH CEDAR STEEL (Continued) **1000691447**

Longitude: -83.07183
Date of Collection: Not reported
Method of Collection: The geographic coordinate determination method based on address matching-house number.
Accuracy: 100
Accuracy Value Unit: Not reported
Horizontal Data: North American Datum of 1983
Point Line Area: Not reported
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: 23360
Release Date: 05/14/1994
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 05/21/1998

Leak Number: C-0467-94
Release Date: 05/14/1994
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 05/21/1998

UST:
Name: SOUTH CEDAR STEEL WORKS
Address: 599 S CEDAR ST
City,State,Zip: IMLAY CITY 48444-1333
Facility Type: CLOSED
Facility ID: 00037934
Owner Name: CHARLES & OLABELLE DOTSON
Owner Address: 230 DIRGO ST
Owner City: IMLAY CITY
Owner State: MI
Owner Zip: 48444-1208
Owner Contact: Not reported
Owner Phone: 8107246768
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: NRT2
Capacity: Not reported
Tank Status: Removed from Ground
Substance: Other(UNK)
Install Date: Not reported
Remove Date: 09/22/1997

SOUTH CEDAR STEEL (Continued) **1000691447**

Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1333
Facility Type:	CLOSED
Facility ID:	00037934
Owner Name:	CHARLES & OLABELLE DOTSON
Owner Address:	230 DIRGO ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1208
Owner Contact:	Not reported
Owner Phone:	8107246768
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	NRT1
Capacity:	Not reported
Tank Status:	Removed from Ground
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	09/22/1997
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:	Not reported
Longitude:	Not reported

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1333
Facility Type:	CLOSED
Facility ID:	00037934
Owner Name:	CHARLES & OLABELLE DOTSON

SOUTH CEDAR STEEL (Continued) **1000691447**

Owner Address:	230 DIRGO ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1208
Owner Contact:	Not reported
Owner Phone:	8107246768
Contact:	ALEX EDDINGTON
Contact Phone:	(810) 220-3202
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:	Lansing District Office
Tank ID:	2
Capacity:	1500
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	09/18/1997
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:	43.01745
Longitude:	-83.07183

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1333
Facility Type:	CLOSED
Facility ID:	00037934
Owner Name:	CHARLES & OLABELLE DOTSON
Owner Address:	230 DIRGO ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1208
Owner Contact:	Not reported
Owner Phone:	8107246768
Contact:	ALEX EDDINGTON
Contact Phone:	(810) 220-3202
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:	Lansing District Office

SOUTH CEDAR STEEL (Continued) **1000691447**

Tank ID:	1
Capacity:	Not reported
Tank Status:	Removed from Ground
Substance:	Other(HYDRAULIC/OIL)
Install Date:	Not reported
Remove Date:	09/18/1997
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:	43.01745
Longitude:	-83.07183

RCRA Listings:

Date Form Received by Agency:	20011231
Handler Name:	South Cedar Steel
Handler Address:	599 S CEDAR ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID985642172
Contact Name:	DAVID DOTSON
Contact Address:	599 S CEDAR ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	313-724-8927
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	599 S CEDAR ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	No Active O/Op As Not Generating Waste
Owner Type:	Private
Operator Name:	No Active O/Op As Not Generating Waste
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SOUTH CEDAR STEEL (Continued) **1000691447**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	20020101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	20020101
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

SOUTH CEDAR STEEL (Continued) **1000691447**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20011231
Handler Name: SOUTH CEDAR STEEL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920512
Handler Name: SOUTH CEDAR STEEL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42351

SOUTH CEDAR STEEL (Continued) **1000691447**

NAICS Description: METAL SERVICE CENTERS AND OTHER METAL MERCHANT WHOLESALERS

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960506
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960531
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960506
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960531
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19960208
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970324
Scheduled Compliance Date: 19960506
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19970318
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970324
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960208
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970324
Scheduled Compliance Date: 19960506

SOUTH CEDAR STEEL (Continued) **1000691447**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960531
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960531
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State

SOUTH CEDAR STEEL (Continued) **1000691447**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324

SOUTH CEDAR STEEL (Continued) **1000691447**

Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
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: 110001845200

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1000691447
Registry ID:	110001845200
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001845200
Name:	SOUTH CEDAR STEEL
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444

AIRS:

Name:	SOUTH CEDAR STEEL WORKS, INC
Address:	599 S CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
State Registration Number:	N3329
Naics Code:	Not reported
Contact Email:	Not reported
Contact Name:	CHARLES DOTSON
Contact Phone:	Not reported
Contact Address:	(same as site address)
Contact City,St,Zip:	Not reported
Permit Number:	1303-91
Date Received:	11/12/1991

SOUTH CEDAR STEEL (Continued) **1000691447**

Application Reason:	PAINT BOOTH-CEDAR ST
Record Type:	Not reported
State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Tribal Code:	Not reported
Facility Status Code:	Not reported
Facility Status:	Active
Supplemental Location Text:	Not reported
Business Name:	Not reported
Principal Product:	Not reported
Principal Product Description:	Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System):	Not reported
UTM Horizontal Coord:	Not reported
UTM Vertical Coord:	Not reported
Mailing Name:	Not reported
Mailing Contact Person:	Not reported
Mailing Street:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip 4 Extension:	Not reported
Compliance Person:	Not reported
Compliance Area Code:	Not reported
Compliance Phone Number:	Not reported
Emission Inventory Contact Person:	Not reported
EI Contact Area Code:	Not reported
EI Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

WDS:

Name:	SOUTH CEDAR STEEL
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MID985642172
WMD Id:	407174
Site Specific Name:	SOUTH CEDAR STEEL
Mailing Address:	599 S CEDAR ST
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

60
NNW
1/4-1/2
0.463 mi.
2444 ft.

PARSCH AUTOMOTIVE
314 CAPAC RD
IMLAY CITY, MI 48444

LUST **U002301907**
UST **N/A**
INVENTORY
Financial Assurance

Relative:
Higher

Actual:
822 ft.

LUST:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY, MI 48444

PARSCH AUTOMOTIVE (Continued) **U002301907**

Facility ID:	18276
Source:	Not reported
Owner Name:	Charbonneau, Mike
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	989-385-1162
Country:	Not reported
District:	Lansing
Site Name:	A.j.l. Partners
Latitude:	43.03013
Longitude:	-83.06917
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
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:	21265
Release Date:	12/15/1992
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	09/27/2000

Leak Number:	C-2249-92
Release Date:	12/15/1992
Substance Released:	Gasoline
Release Status:	Closed
Release Closed Date:	09/27/2000

UST:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET

PARSCH AUTOMOTIVE (Continued) **U002301907**

Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	7
Capacity:	15000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	11/01/1993
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:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
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:	Lansing District Office
Tank ID:	6
Capacity:	1000
Tank Status:	Currently In Use
Substance:	Used Oil
Install Date:	01/01/1987
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

PARSCH AUTOMOTIVE (Continued) **U002301907**

Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917
Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
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:	Lansing District Office
Tank ID:	5
Capacity:	4000
Tank Status:	Currently In Use
Substance:	Kerosene
Install Date:	05/03/1965
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:	43.03013
Longitude:	-83.06917
Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630

PARSCH AUTOMOTIVE (Continued) **U002301907**

Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
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:	Lansing District Office
Tank ID:	4
Capacity:	10000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/03/1982
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:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
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:	Lansing District Office
Tank ID:	3
Capacity:	15000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/03/1974
Remove Date:	11/01/1993

PARSCH AUTOMOTIVE (Continued) **U002301907**

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:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
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:	Lansing District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	05/03/1965
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:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS

PARSCH AUTOMOTIVE (Continued) **U002301907**

Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
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:	Lansing District Office
Tank ID:	1
Capacity:	10000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/03/1982
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:	43.03013
Longitude:	-83.06917

INVENTORY:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risk Controlled
Lust Name:	A.j.l. Partners
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Eggleston, Michael
Latitude:	43.030136
Longitude:	-83.069175

FINANCIAL ASSURANCE 3:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	00018276
Exempt:	No
Expiration Date:	07/21/2024
Bond Rating Tests:	Not reported

PARSCH AUTOMOTIVE (Continued) **U002301907**

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

61
SE
1/2-1
0.552 mi.
2913 ft.

Relative:
Lower

Actual:
800 ft.

OMNI INTERNATIONAL
611 INDUSTRIAL PARKWAY
IMLAY CITY, MI 48444

INVENTORY **S104910932**
PART 201 **N/A**
BEA
NPDES
WDS
VCP

INVENTORY:

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Peabody, Emily
Latitude:	43.01718142
Longitude:	-83.06780205

PART 201:

Facility ID:	44000087
Facility Status:	**Inactive - no actions taken to address contamination**
Source:	Motor Vehicle Parts
SAM Score:	25
SAM Score Date:	12/12/2003
Township:	07N
Range:	12E
Section:	20
Quarter:	NE
Quarter/Quarter:	Not reported
Pollutants:	Acetone; Cd; Pb

BEA:

Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1700
District:	Lansing
Date Received:	02/23/2012
Submitter Name:	M & S Extrusions, Inc.
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Not reported
Determination 20107A:	No Request

OMNI INTERNATIONAL (Continued) **S104910932**

Reviewer:	labrecqd
Division Assigned:	RRD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	12/10/1998
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:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B199800314LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Not reported
Organization:	Windcrest Properties, LLC
Contact:	Yeomans, Gary
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported

OMNI INTERNATIONAL (Continued) **S104910932**

Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported
Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/12/2010
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:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201001526LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2010-08-13 13:09:36
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Not reported
Organization:	Comerica Bank
Contact:	Gary Mach
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported
Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	02/23/2012
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:	44000087

OMNI INTERNATIONAL (Continued) **S104910932**

Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201201699LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2012-02-24 12:33:35
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Category B2 Associated ID #s like ITS and Site ID go here. B201201700LA B201001526LA B199800314LA Site ID#44000087, Omni International 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: Receptor survey, evaluaiton of risk, and evaluation of viable potentially responsible party. No
Organization:	Vintech Real Estate Holdings, LLC
Contact:	Vince McNish
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	02/23/2012
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:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201201700LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2012-02-27 08:01:11
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Category B2 Associated ID #s like ITS and Site ID go here. B201201699LA B201001526LA B199800314LA Site ID#44000087, Omni International 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

OMNI INTERNATIONAL (Continued) **S104910932**

	ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Receptor survey, evaluaiton of risk, and evaluation of viable potentially responsible party. No
Organization:	M & S Extrusions, Inc.
Contact:	Vince McNish
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported
Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1699
District:	Lansing
Date Received:	02/23/2012
Submitter Name:	Vintech Real Estate Holdings, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Not reported
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	RD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported
Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported

OMNI INTERNATIONAL (Continued) **S104910932**

BEA Number:	1526
District:	Lansing
Date Received:	08/12/2010
Submitter Name:	Comerica Bank
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	RRD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	314
District:	Lansing
Date Received:	12/10/1998
Submitter Name:	Windcrest Properties, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	temppm
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported

OMNI INTERNATIONAL (Continued) **S104910932**

Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

MI NPDES:

Name:	VINTECH INDUSTRIES
Address:	611 INDUSTRIAL PARK DRIVE
City,State,Zip:	IMLAY CITY, MI 48444
Permit Number:	NEC187043
Permitee PO Box:	Not reported
Permitee Email:	Not reported
Issue Date:	07/29/2020
Effective Date:	07/29/2020
Expiration Date:	07/29/2025
Permittee Name:	Vintech Industries
Permittee Address:	611 Industrial Park Drive
Permittee Addr2:	Not reported
Permittee City,St,Zip:	Imlay City, MI 48444
Permit Type:	NPDES Industrial Storm Water No Exposure Certificate (NEC)
Facility Name 2:	Not reported
Facility Name 3:	Not reported
Facility Name 4:	Not reported
Designed Name:	Not reported
Latitude:	43.0172
Lat Direction:	Not reported
Lat Type Code:	Not reported
Longitude:	83.0678
Lon Direction:	Not reported
Lon Type Code:	Not reported
Hydrologic Unit Code:	Not reported
Permit Status:	In Effect
COC Permit Category:	Not reported
DEQ District Email:	Lansing
DEQ Permit Compliance Manager:	Danielle McLain
DEQ Permit Compliance Manager Email:	McLainD2@michigan.gov

WDS:

Name:	VINTECH INDUSTRIES INC
Address:	611 INDUSTRIAL PARK DR
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIK363528044
WMD Id:	444183
Site Specific Name:	VINTECH INDUSTRIES INC
Mailing Address:	611 INDUSTRIAL PARK DR
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

OMNI INTERNATIONAL (Continued) **S104910932**

Name:	MANTEX CORPORATION
Address:	611 INDUSTRIAL PARK DR
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIK714447315
WMD Id:	469005
Site Specific Name:	MANTEX CORPORATION
Mailing Address:	611 INDUSTRIAL PARK DR
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

VCP:

Location ID:	44000087
Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Location Type:	Part 201 site
Township:	Not reported
Work Unit:	Lansing
Project Manager:	Emily Peabody
Risk Condition:	Risks Present and Require Action in Long-term
Latitude:	43.01718142
Longitude:	-83.06780205

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
IMLAY CITY	S127501484	S CEDAR ST,NW CORNER OF HWY 53 & N	S CEDAR ST,NW CORNER OF HWY 53	48444	BEA, VCP

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 01/08/2024
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 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

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 01/08/2024
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: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System 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.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 01/22/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/12/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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
Date Data Arrived at EDR: 10/31/2013
Date Made Active in Reports: 11/20/2013
Number of Days to Update: 20

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
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: 06/15/2023
Date Data Arrived at EDR: 06/15/2023
Date Made Active in Reports: 08/31/2023
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4035
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9837
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Annually

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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

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

Date of Government Version: 01/28/2022
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: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

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

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 78

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 11/22/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Annually

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 13

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

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

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/08/2023
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-4828
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program site
A listing of sites enrolled in the Voluntary Cleanup

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/02/2023
Number of Days to Update: 73

Source: DEQ
Telephone: 517-373-9837
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: N/A

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: 05/08/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-4805
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
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: 07/17/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 84

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

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

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 06/27/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/19/2023
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-5719
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
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: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/12/2023
Number of Days to Update: 86

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5136
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

PART 201: Part 201 Site List

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

Date of Government Version: 10/01/2013
Date Data Arrived at EDR: 10/03/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations.

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 6

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Quarterly

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: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-7603
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/22/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 04/24/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/19/2023
Number of Days to Update: 84

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-8427
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
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: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
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: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
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: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
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: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
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: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
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: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 03/11/2024
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: 05/09/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
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: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19
Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
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: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
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: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
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
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
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: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
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: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 01/08/2024
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

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
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: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
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: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
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: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

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: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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: 05/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 79

Source: Department of Environment, Great Lakes & Energy
Telephone: 517-284-9278
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 81

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-7074
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos

Date of Government Version: 09/30/2023
Date Data Arrived at EDR: 10/12/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 14

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-284-7699
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

BEA: Baseline Environmental Assessment Database

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

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
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: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4586
Last EDR Contact: 10/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 06/28/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/22/2023
Number of Days to Update: 85

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-6610
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/11/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 09/11/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing
Financial assurance information for underground storage tank facilities.

Date of Government Version: 09/25/2023
Date Data Arrived at EDR: 10/06/2023
Date Made Active in Reports: 10/12/2023
Number of Days to Update: 6

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

LEAD: Lead Information Registry Listing
All properties in this registry received a lead-based paint inspection or a lead risk assessment, and a lead abatement service. A lead-based paint inspection identifies any lead present on the property. The lead risk assessment determines if any of the lead found is a hazard. Lead abatement services address or remove the lead hazards.

Date of Government Version: 11/29/2022
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 164

Source: Department of Health & Human Services
Telephone: 517-335-9390
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Varies

LEAD CERT: Lead Safe Housing Registry
A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 82

Source: Department of Community Health
Telephone: 517-335-9699
Last EDR Contact: 11/21/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

NPDES: List of Active NPDES Permits
General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 07/05/2022
Date Data Arrived at EDR: 09/27/2022
Date Made Active in Reports: 12/13/2022
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1300
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

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

Date of Government Version: 10/19/2023
Date Data Arrived at EDR: 10/19/2023
Date Made Active in Reports: 10/30/2023
Number of Days to Update: 11

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1515
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

WDS: Waste Data System
The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 06/06/2023
Date Data Arrived at EDR: 06/07/2023
Date Made Active in Reports: 08/29/2023
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-6562
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 230

Source: Department of Environment, Great Lakes & Energy
Telephone: 517-284-5153
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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
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

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
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

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

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.

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
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: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 02/05/2024
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: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
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: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
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: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

FORMER SIGN SHOP
400 EAST THIRD STREET
IMLAY CITY, MI 48444

TARGET PROPERTY COORDINATES

Latitude (North):	43.023741 - 43° 1' 25.47''
Longitude (West):	83.072423 - 83° 4' 20.72''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	331137.9
UTM Y (Meters):	4765320.5
Elevation:	812 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14451134 IMLAY CITY, MI
Version Date:	2019

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

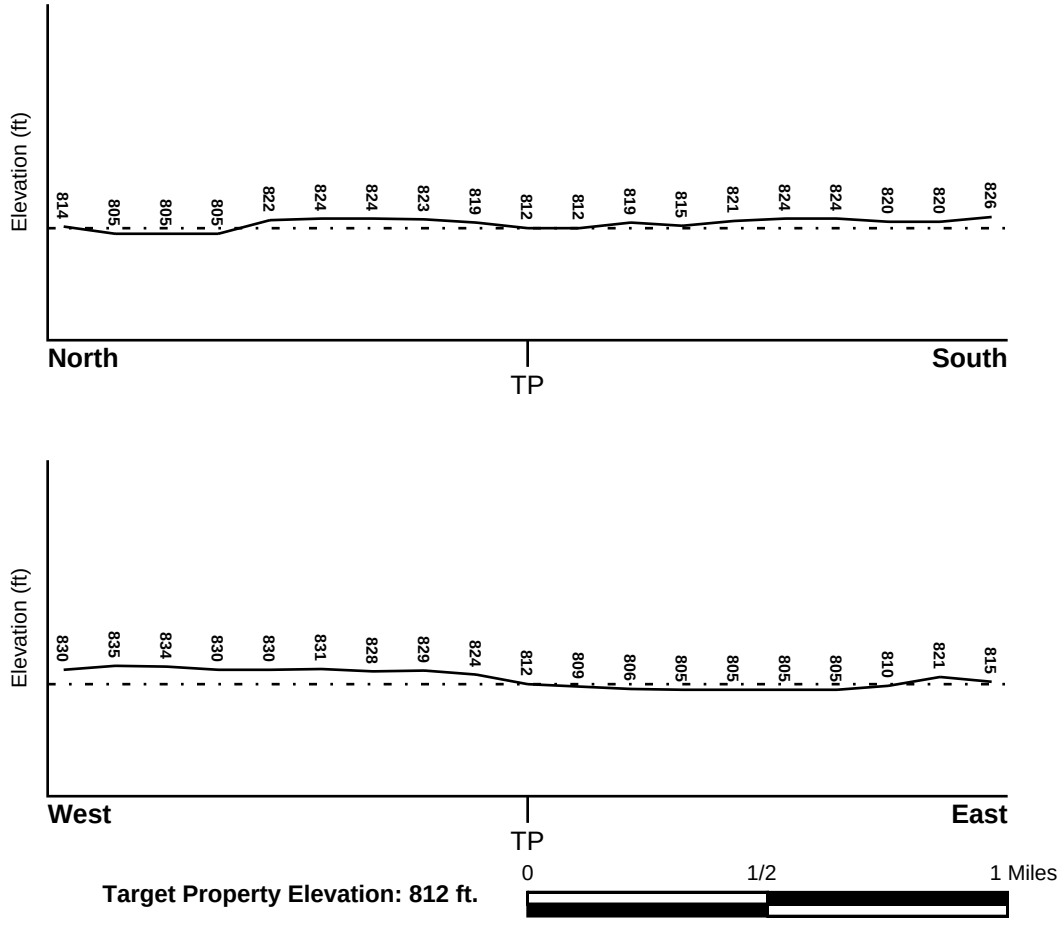
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
26087C0314E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
26087C0325E	FEMA FIRM Flood data
26087C0312E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
IMLAY CITY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

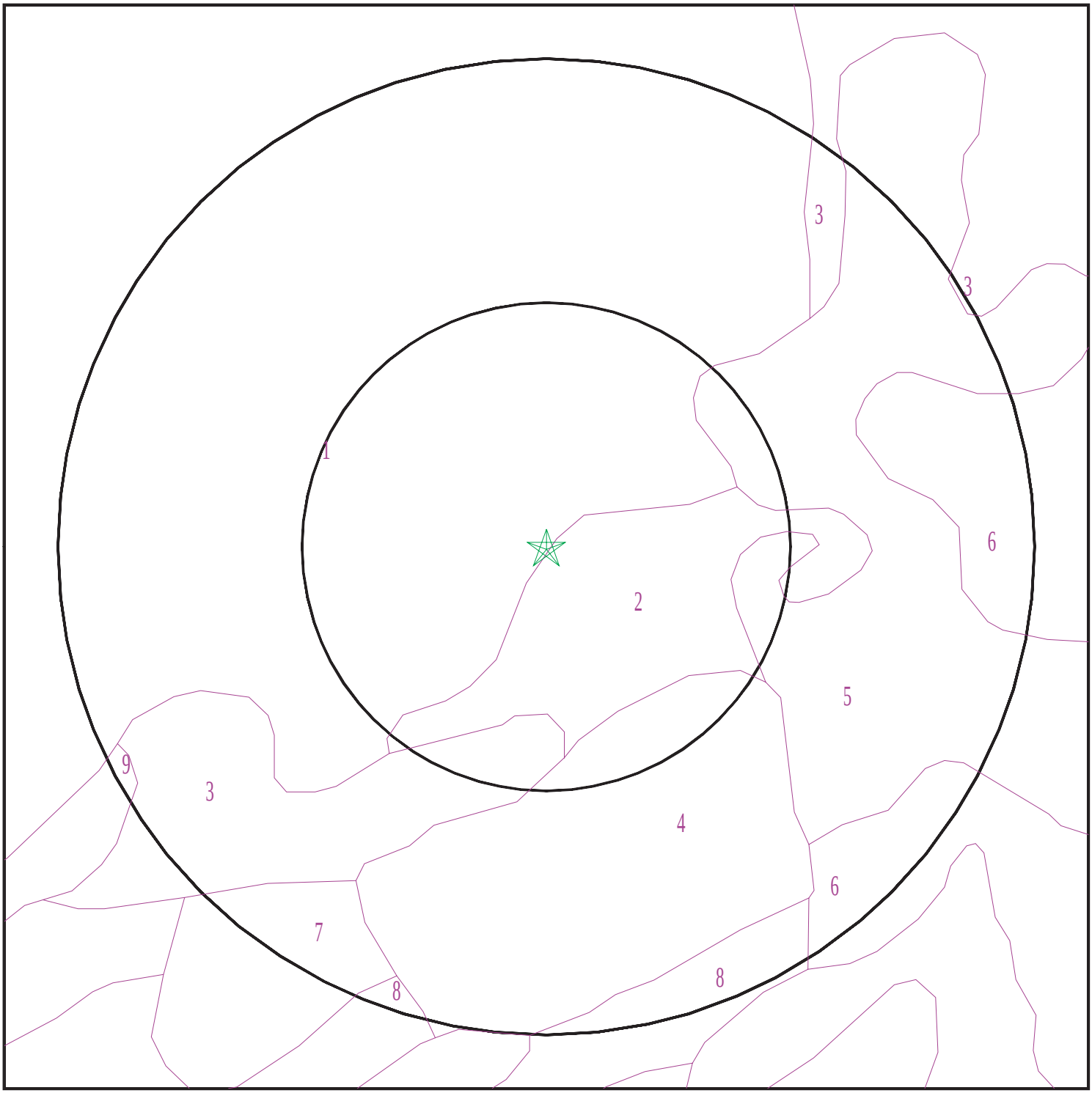
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 7512464.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Former Sign Shop	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.023741 / 83.072423	INQUIRY #:	7512464.2s
		DATE:	December 05, 2023 2:11 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Miami

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 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: 7.4
2	11 inches	29 inches	clay 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: 7.4
3	29 inches	35 inches	clay 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: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	35 inches	59 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: 7.4

Soil Map ID: 2

Soil Component Name: Lapeer

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	7 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	35 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Adrian

Soil Surface Texture: muck

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	29 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:
2	29 inches	59 inches	sand	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Mcbride

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

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

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
2	7 inches	29 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
3	29 inches	55 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
4	55 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1

Soil Map ID: 5

Soil Component Name: Lupton

Soil Surface Texture: muck

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	muck	A-8	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:
2	9 inches	59 inches	muck	A-8	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:

Soil Map ID: 6

Soil Component Name: Edwards

Soil Surface Texture: marl

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	29 inches	59 inches	marl	Not reported	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:
2	0 inches	29 inches	muck	Not reported	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:

Soil Map ID: 7

Soil Component Name: Fox

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	25 inches	29 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	29 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
4	11 inches	25 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 8

Soil Component Name: Conover

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 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: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	11 inches	27 inches	clay 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: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	27 inches	59 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: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 9

Soil Component Name: Conover

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 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: 4 Min: 1.4	Max: 8.4 Min: 7.4

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Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	11 inches	27 inches	clay 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: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	27 inches	59 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: 4 Min: 1.4	Max: 8.4 Min: 7.4

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

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MI0003104	1/4 - 1/2 Mile West

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

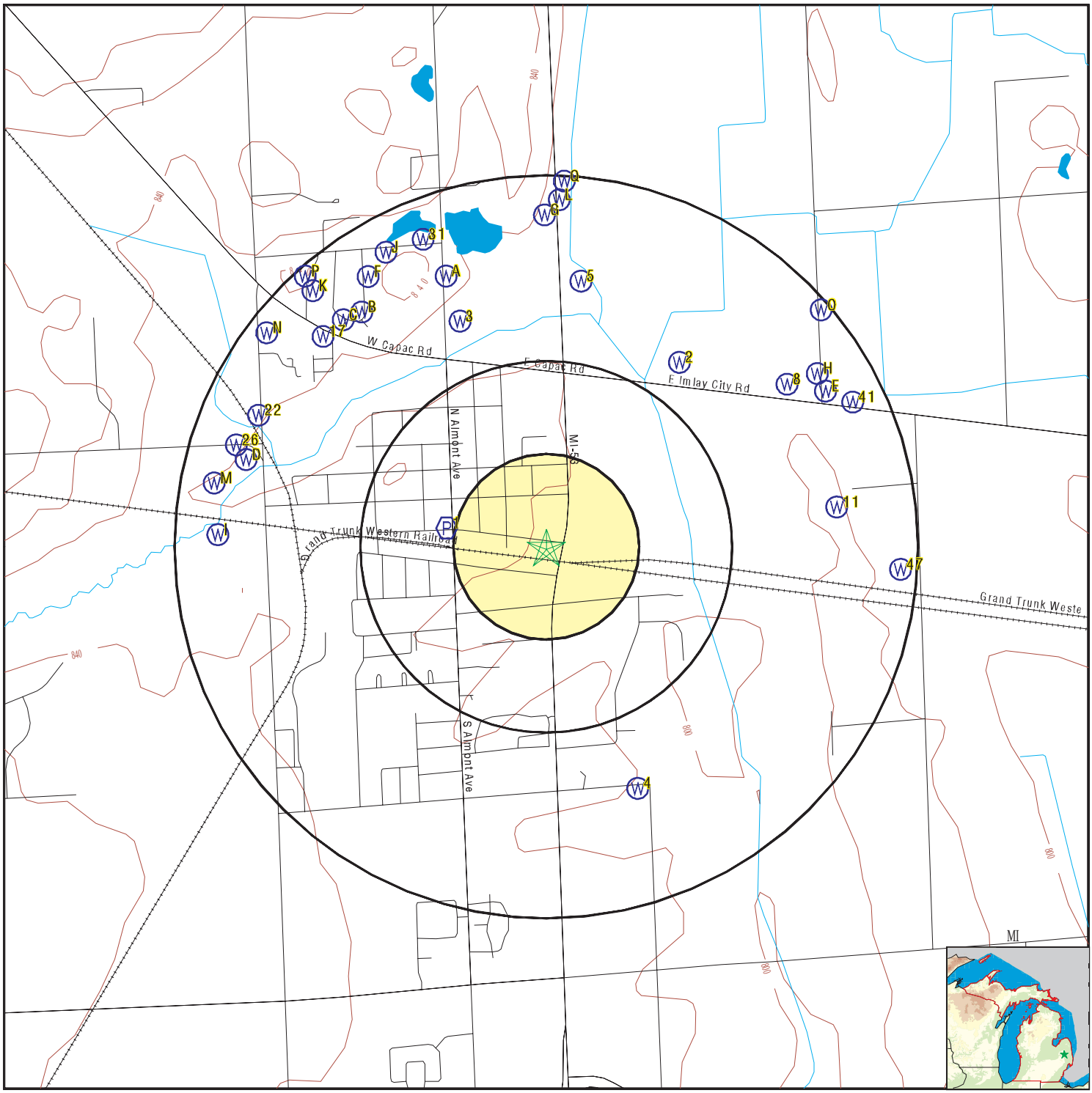
MAP ID	WELL ID	LOCATION FROM TP
2	MI6000000456644	1/2 - 1 Mile NE
3	MI6000000452738	1/2 - 1 Mile NNW
4	MI6000000457921	1/2 - 1 Mile SSE
5	MI6000000455112	1/2 - 1 Mile North
A6	MI6000000460328	1/2 - 1 Mile NNW
A7	MI6000000456033	1/2 - 1 Mile NNW
8	MI6000000455557	1/2 - 1 Mile NE
B9	MI6000000456887	1/2 - 1 Mile NW
A10	MI6000000452042	1/2 - 1 Mile NNW
11	MI6000000459114	1/2 - 1 Mile East
B12	MI6000000456582	1/2 - 1 Mile NW
A13	MI6000000461376	1/2 - 1 Mile NNW
C14	MI6000000454662	1/2 - 1 Mile NW
B15	MI6000000454453	1/2 - 1 Mile NW
D16	MI6000000450967	1/2 - 1 Mile WNW
17	MI6000000457608	1/2 - 1 Mile NW
C18	MI6000000455816	1/2 - 1 Mile NW
E19	MI6000000457562	1/2 - 1 Mile ENE
F20	MI6000000461261	1/2 - 1 Mile NNW
G21	MI6000000455564	1/2 - 1 Mile North
22	MI6000000453284	1/2 - 1 Mile WNW
H23	MI6000000457471	1/2 - 1 Mile ENE
F24	MI6000000455452	1/2 - 1 Mile NW
D25	MI6000000454823	1/2 - 1 Mile WNW
26	MI6000000458326	1/2 - 1 Mile WNW
H27	MI6000000456162	1/2 - 1 Mile ENE
I28	MI6000000456634	1/2 - 1 Mile West
I29	MI6000000456635	1/2 - 1 Mile West
E30	MI6000000459396	1/2 - 1 Mile ENE
31	MI6000000452943	1/2 - 1 Mile NNW
J32	MI6000000458319	1/2 - 1 Mile NNW
G33	MI6000000460314	1/2 - 1 Mile North
K34	MI6000000455823	1/2 - 1 Mile NW
L35	MI6000000460323	1/2 - 1 Mile North
J36	MI6000000459562	1/2 - 1 Mile NNW
M37	MI6000000456948	1/2 - 1 Mile West
M38	MI6000000456941	1/2 - 1 Mile West
G39	MI6000000461140	1/2 - 1 Mile North
J40	MI6000000453644	1/2 - 1 Mile NNW
41	MI6000000460808	1/2 - 1 Mile ENE
F42	MI6000000452162	1/2 - 1 Mile NNW
G43	MI6000000454171	1/2 - 1 Mile North
N44	MI6000000461340	1/2 - 1 Mile NW
K45	MI6000000451591	1/2 - 1 Mile NW
K46	MI6000000459465	1/2 - 1 Mile NW
47	MI6000000458871	1/2 - 1 Mile East
K48	MI6000000459868	1/2 - 1 Mile NW
O49	MI6000000456196	1/2 - 1 Mile NE
L50	MI6000000460974	1/2 - 1 Mile North
N51	MI6000000451448	1/2 - 1 Mile NW
O52	MI6000000452641	1/2 - 1 Mile NE
P53	MI6000000458511	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
P54	MI6000000452826	1/2 - 1 Mile NW
Q55	MI6000000453867	1/2 - 1 Mile North
Q56	MI6000000460377	1/2 - 1 Mile North
O57	MI6000000454888	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 7512464.2s



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

0 1/4 1/2 1 Miles

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

SITE NAME:	Former Sign Shop	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.023741 / 83.072423	INQUIRY #:	7512464.2s
		DATE:	December 05, 2023 2:11 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
West
1/4 - 1/2 Mile
Higher

FRDS PWS **MI0003104**

Epa region:	05	State:	MI
Pwsid:	MI0003104	Pwsname:	HEATHER HIGHLANDS
Cityserved:	Not Reported	Stateserved:	MI
Zipserved:	Not Reported	Fipscounty:	26067
Status:	Closed	Retpopsrvd:	50
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	unknown
Contact:	HEATHER HIGHLANDS	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	Not Reported
Contactaddress2:	P.O. BOX 262	Contactcity:	PORTLAND
Contactstate:	MI	Contactzip:	48875
Pwsactivitycode:	I		

PWS ID:	MI0003104	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MI0003104
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000050
System name:	HEATHER HIGHLANDS	System address:	Not Reported
System address:	P.O. BOX 262	System city:	PORTLAND
System state:	MI	System zip:	48875

Population served:	Under 101 Persons	Treatment:	Untreated

Latitude:	430128	Longitude:	0830440

2
NE
1/2 - 1 Mile
Lower

MI WELLS **MI6000000456644**

WELLS:

Well ID:	44000006239	Permit #:	W06120
Owner:	TOM BROOD	Well Depth (ft):	60
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:	44-1083	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	26-MAY-05
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	60
Screen Start Depth (ft):	52	Screen End Depth (ft):	60
Static Water Level (ft):	19	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	2
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

3
NNW
1/2 - 1 Mile
Lower

MI WELLS **MI6000000452738**

WELLS:

Well ID:	44000002034	Permit #:	W01627
Owner:	JIM PERRY	Well Depth (ft):	130
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:	44-2047	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	25-MAY-01
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	102
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	0	Flowing:	N
Test Drawdown Depth (ft):	20	Test Hours:	0
Test Rate:	0	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	100		

4
SSE
1/2 - 1 Mile
Higher

MI WELLS **MI6000000457921**

WELLS:

Well ID:	44000007638	Permit #:	W08875
Owner:	JOANNE STEWART	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	26-AUG-09
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	117
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth (ft):	100	Test Hours:	3
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	113		

5
North
1/2 - 1 Mile
Lower

MI WELLS **MI6000000455112**

WELLS:

Well ID:	44000004579	Permit #:	W05178
Owner:	FORD PLUMBING	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:	44-2047	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	16-FEB-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	62
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	50	Test Hours:	3
Test Rate:	10	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	40		

A6
NNW **MI WELLS** **MI6000000460328**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000010196	Permit #:	12116
Owner:	Clayton House	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	08-AUG-19
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	88
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	140	Test Hours:	2
Test Rate:	18	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	66		

A7
NNW **MI WELLS** **MI6000000456033**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000005550	Permit #:	W05809
Owner:	WAYNE TOBY	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	31-DEC-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	140
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth (ft):	140	Test Hours:	2
Test Rate:	18	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0

Rock Top (ft): 40

8
NE **MI WELLS** **MI6000000455557**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000005046	Permit #:	W05777
Owner:	WILMA GRAY	Well Depth (ft):	36
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:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	05-JUN-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	36
Screen Start Depth (ft):	32	Screen End Depth (ft):	36
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	36	Test Hours:	2
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

B9
NW **MI WELLS** **MI6000000456887**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000006552	Permit #:	W07736
Owner:	Timothy Edwards	Well Depth (ft):	170
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	25-JUL-06
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	75
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	27	Flowing:	N
Test Drawdown Depth (ft):	160	Test Hours:	2
Test Rate:	14	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	802	Specific Capacity:	0
Rock Top (ft):	67		

A10
NNW **MI WELLS** **MI6000000452042**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000001330	Permit #:	03472
Owner:	Jeff Morgan	Well Depth (ft):	140

Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	12-JUN-02
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	98
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	2
Test Rate:	22	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	80		

11
East
1/2 - 1 Mile
Higher

MI WELLS **MI6000000459114**

WELLS:

Well ID:	44000008899	Permit #:	10089
Owner:	Jose Vargas	Well Depth (ft):	66
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:	50-2337	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	02-SEP-14
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	62
Screen Start Depth (ft):	62	Screen End Depth (ft):	66
Static Water Level (ft):	26	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	1
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

B12
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000456582**

WELLS:

Well ID:	44000006161	Permit #:	W05508
Owner:	JUSTIN TOBY	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	17-DEC-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	180
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	180	Test Hours:	2
Test Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10

Elevation (ft):	823	Specific Capacity:	0
Rock Top (ft):	50		

A13
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000461376**

WELLS:

Well ID:	44000011311	Permit #:	12163
Owner:	Cristen Dean-Hopkins	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	25-2380	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	17-JUN-22
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	103
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	28	Flowing:	N
Test Drawdown Depth (ft):	120	Test Hours:	2
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	70		

Well ID:	45000000334	Permit #:	Not Reported
Owner:	MILLER, STEVE	Well Depth (ft):	67
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:	45-1645	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	09-SEP-81
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	63
Screen Start Depth (ft):	63	Screen End Depth (ft):	67
Static Water Level (ft):	23	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	787.4	Specific Capacity:	0
Rock Top (ft):	0		

C14
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000454662**

WELLS:

Well ID:	44000004088	Permit #:	W-03490
Owner:	MESA BUILDERS,LLC.	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19-NOV-03
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	60

Screen Start Depth (ft):	50	Screen End Depth (ft):	60
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	1
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	50		

B15
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000454453**

WELLS:

Well ID:	44000003871	Permit #:	W03724
Owner:	WHITE TAIL HOMES	Well Depth (ft):	161
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:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	16-JUN-03
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	73
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth (ft):	70	Test Hours:	3
Test Rate:	10	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	70		

D16
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000450967**

WELLS:

Well ID:	44000000082	Permit #:	Not Reported
Owner:	CITY OF IMLAY CITY	Well Depth (ft):	69
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	IMLAY CITY STANDBY WELL #2
Driller ID:	Not Reported	Drill Method:	Other
Other Method Info:	Drilling Method unknown	Construction Date:	11-FEB-42
Case Type:	Unknown	Other Casing Info:	Not Reported
Case Diameter (in):	10	Case Depth (ft):	37
Screen Start Depth (ft):	33	Screen End Depth (ft):	39
Static Water Level (ft):	0	Flowing:	Y
Test Drawdown Depth (ft):	30	Test Hours:	0
Test Rate:	350	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	220
Elevation (ft):	810	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

17
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000457608**

WELLS:

Well ID:	44000007314	Permit #:	W08565
Owner:	George Guttler	Well Depth (ft):	75
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	24-JUL-08
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	71
Screen Start Depth (ft):	71	Screen End Depth (ft):	75
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	70	Test Hours:	2
Test Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	830	Specific Capacity:	0
Rock Top (ft):	0		

C18
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000455816**

WELLS:

Well ID:	44000005318	Permit #:	W03490
Owner:	MESA BLDRS	Well Depth (ft):	167
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:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	14-JUL-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	167
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	18	Flowing:	N
Test Drawdown Depth (ft):	167	Test Hours:	2
Test Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	827	Specific Capacity:	0
Rock Top (ft):	50		

E19
ENE
1/2 - 1 Mile
Higher

MI WELLS **MI6000000457562**

WELLS:

Well ID:	44000007261	Permit #:	NC08-007
Owner:	Family Of Christ Church	Well Depth (ft):	51
Well Type:	Type II Public	Other Type Info:	Not Reported

Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	2038844	Well #:	001
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	11-JUN-08
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	51
Screen Start Depth (ft):	40	Screen End Depth (ft):	51
Static Water Level (ft):	12	Flowing:	N
Test Drawdown Depth (ft):	40	Test Hours:	2
Test Rate:	75	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	25
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

F20
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000461261**

WELLS:

Well ID:	44000011185	Permit #:	12844
Owner:	ROGER ROSZCZWEKI	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	28-JAN-22
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	108
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth (ft):	100	Test Hours:	3
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	100		

Well ID:	45000000188	Permit #:	Not Reported
Owner:	BREEZINSKI, JIM & NANCY	Well Depth (ft):	45
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:	28-0481	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	25-MAY-89
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	45
Screen Start Depth (ft):	40	Screen End Depth (ft):	45
Static Water Level (ft):	5	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	616.8	Specific Capacity:	0
Rock Top (ft):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G21
North
1/2 - 1 Mile
Higher | **MI WELLS** | **MI6000000455564**

WELLS:

Well ID:	44000005053	Permit #:	W05476
Owner:	CHRISTOPHER SICH	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:	63-1689	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	26-AUG-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	68.5
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	22	Flowing:	N
Test Drawdown Depth (ft):	100	Test Hours:	1
Test Rate:	100	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	54		

22
WNW
1/2 - 1 Mile
Higher | **MI WELLS** | **MI6000000453284**

WELLS:

Well ID:	44000002604	Permit #:	W02839
Owner:	LEELAND BISSETT	Well Depth (ft):	74
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:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	18-FEB-02
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	74
Screen Start Depth (ft):	70	Screen End Depth (ft):	74
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	70	Test Hours:	1
Test Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

H23
ENE
1/2 - 1 Mile
Higher | **MI WELLS** | **MI6000000457471**

WELLS:

Well ID:	44000007161	Permit #:	W08383
Owner:	JOHN RODRIGUEZ	Well Depth (ft):	60
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:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	05-DEC-07
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	52
Screen Start Depth (ft):	52	Screen End Depth (ft):	60
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	50	Test Hours:	3
Test Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

F24
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000455452**

WELLS:

Well ID:	44000004939	Permit #:	W-06127
Owner:	William McMurray	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	24-SEP-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	77
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth (ft):	120	Test Hours:	3
Test Rate:	38	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	814	Specific Capacity:	0
Rock Top (ft):	62		

D25
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000454823**

WELLS:

Well ID:	44000004266	Permit #:	W02258
Owner:	RONALD ROSS	Well Depth (ft):	130
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:	44-2047	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	09-JAN-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	80
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	1
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	820	Specific Capacity:	0

Rock Top (ft): 60

26
WNW **MI WELLS** **MI6000000458326**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000008067	Permit #:	W09337
Owner:	Andrew Pawlaczyk	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	10-JUN-11
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	96
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	2
Test Rate:	50	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	858	Specific Capacity:	0
Rock Top (ft):	82		

H27
ENE **MI WELLS** **MI6000000456162**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000005694	Permit #:	W06964
Owner:	Jeffrey Rosso	Well Depth (ft):	51
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:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	15-AUG-05
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	47
Screen Start Depth (ft):	47	Screen End Depth (ft):	51
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	45	Test Hours:	2
Test Rate:	27	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

I28
West **MI WELLS** **MI6000000456634**
1/2 - 1 Mile
Higher

WELLS:

Well ID:	44000006228	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	88

Well Type:	Test Well	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	TW-04C
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	16-JUL-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	6	Case Depth (ft):	42
Screen Start Depth (ft):	42	Screen End Depth (ft):	52
Static Water Level (ft):	3.68	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	817.53	Specific Capacity:	0
Rock Top (ft):	0		

I29
West
1/2 - 1 Mile
Higher

MI WELLS **MI6000000456635**

WELLS:

Well ID:	44000006229	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	54
Well Type:	Test Well	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	TW-05A
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	14-DEC-05
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	4	Case Depth (ft):	46
Screen Start Depth (ft):	47	Screen End Depth (ft):	52
Static Water Level (ft):	2.88	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	817.81	Specific Capacity:	0
Rock Top (ft):	0		

E30
ENE
1/2 - 1 Mile
Lower

MI WELLS **MI6000000459396**

WELLS:

Well ID:	44000009209	Permit #:	W10731
Owner:	David Manick	Well Depth (ft):	52
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:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	08-JAN-16
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	47
Screen Start Depth (ft):	47	Screen End Depth (ft):	51
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	46	Test Hours:	2
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10

Elevation (ft):	246	Specific Capacity:	0
Rock Top (ft):	0		

31
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000452943**

WELLS:

Well ID:	44000002240	Permit #:	W97-297
Owner:	SUSAN HORST	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2029	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20-MAR-01
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	120
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	110		

J32
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000458319**

WELLS:

Well ID:	44000008058	Permit #:	W-09318
Owner:	Jesus Robles	Well Depth (ft):	190
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:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	23-MAY-11
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	100
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth (ft):	100	Test Hours:	2
Test Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	87		

G33
North
1/2 - 1 Mile
Lower

MI WELLS **MI6000000460314**

WELLS:

Well ID:	44000010179	Permit #:	PW08636

Owner:	Robley Investments	Well Depth (ft):	160
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:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	26-JUL-19
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	102
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	2
Test Rate:	37	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	47		

K34
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000455823**

WELLS:

Well ID:	44000005325	Permit #:	W05723
Owner:	STEVE & SHERYL UPLEGER	Well Depth (ft):	170
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	18-OCT-04
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	170
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth (ft):	170	Test Hours:	2
Test Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	836	Specific Capacity:	0
Rock Top (ft):	60		

L35
North
1/2 - 1 Mile
Lower

MI WELLS **MI6000000460323**

WELLS:

Well ID:	44000010191	Permit #:	12130
Owner:	LUIS BECERRA	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	28-AUG-19
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	69
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	3
Test Rate:	30	Test Method:	AIR

Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	56		

J36
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000459562**

WELLS:

Well ID:	44000009387	Permit #:	W10943
Owner:	Scot Riester	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	01-AUG-16
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	100
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	2
Test Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	95		

M37
West
1/2 - 1 Mile
Higher

MI WELLS **MI6000000456948**

WELLS:

Well ID:	44000006617	Permit #:	Not Reported
Owner:	City of Imlay City	Well Depth (ft):	55
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	PW-3
Driller ID:	34-2097	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	11-JUL-06
Case Type:	Steel-black	Other Casing Info:	Not Reported
Case Diameter (in):	8	Case Depth (ft):	45
Screen Start Depth (ft):	45	Screen End Depth (ft):	55
Static Water Level (ft):	4.5	Flowing:	N
Test Drawdown Depth (ft):	33.72	Test Hours:	8
Test Rate:	332	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	817.8	Specific Capacity:	0
Rock Top (ft):	0		

M38
West
1/2 - 1 Mile
Higher

MI WELLS **MI6000000456941**

WELLS:

Well ID:	44000006610	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	55
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	SPW-3
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	11-JUL-06
Case Type:	Steel-Unknown	Other Casing Info:	Not Reported
Case Diameter (in):	8	Case Depth (ft):	45
Screen Start Depth (ft):	45	Screen End Depth (ft):	55
Static Water Level (ft):	4.5	Flowing:	N
Test Drawdown Depth (ft):	33.72	Test Hours:	8
Test Rate:	11	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

G39
North
1/2 - 1 Mile
Higher

MI WELLS **MI6000000461140**

WELLS:

Well ID:	44000011052	Permit #:	PW021-012
Owner:	Darcie Breslin- Robley Inv.		
Well Depth (ft):	80	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:	44-1800
Drill Method:	ROTARY	Other Method Info:	Not Reported
Construction Date:	29-SEP-21	Case Type:	PVC Plastic
Other Casing Info:	Not Reported	Case Diameter (in):	5
Case Depth (ft):	51	Screen Start Depth (ft):	0
Screen End Depth (ft):	0	Static Water Level (ft):	20
Flowing:	N	Test Drawdown Depth (ft):	40
Test Hours:	2	Test Rate:	10
Test Method:	AIR	Well Grouted:	Y
Pump Capacity (gpm):	12	Elevation (ft):	0
Specific Capacity:	0	Rock Top (ft):	42

Well ID:	45000000066	Permit #:	Not Reported
Owner:	GAUTHIER, ALLEN	Well Depth (ft):	45
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:	28-0481	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	16-MAY-84
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	40
Screen Start Depth (ft):	40	Screen End Depth (ft):	45
Static Water Level (ft):	6	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	600.39	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J40
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000453644**

WELLS:

Well ID:	44000002983	Permit #:	W03800
Owner:	DAN GODO	Well Depth (ft):	181
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:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	10-SEP-02
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	98
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	3
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	90		

41
ENE
1/2 - 1 Mile
Lower

MI WELLS **MI6000000460808**

WELLS:

Well ID:	44000010698	Permit #:	12540
Owner:	FIDEL BARRIGAN	Well Depth (ft):	88
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:	50-2268	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	02-OCT-20
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	68
Screen Start Depth (ft):	68	Screen End Depth (ft):	88
Static Water Level (ft):	9	Flowing:	N
Test Drawdown Depth (ft):	70	Test Hours:	2
Test Rate:	50	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

F42
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000452162**

WELLS:

Well ID:	44000001453	Permit #:	W01312
Owner:	MESA Builders	Well Depth (ft):	161
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:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	21-FEB-02
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	73
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	3
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	65		

G43
North
1/2 - 1 Mile
Higher

MI WELLS **MI6000000454171**

WELLS:

Well ID:	44000003542	Permit #:	03993
Owner:	DENNIS DAY	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	06-NOV-02
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	71
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	2
Test Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	68		

N44
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000461340**

WELLS:

Well ID:	44000011267	Permit #:	13313
Owner:	FRANCISCO BARRAGAN	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	08-JUN-22
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	107
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	100	Test Hours:	3
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0

Rock Top (ft):	0

Well ID:	45000000298	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	129
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:	45-0795	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20-JUL-81
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	119
Screen Start Depth (ft):	119	Screen End Depth (ft):	129
Static Water Level (ft):	48	Flowing:	N
Test Drawdown Depth (ft):	0	Test Hours:	0
Test Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	728.35	Specific Capacity:	0
Rock Top (ft):	0		

K45
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000451591**

WELLS:

Well ID:	44000000848	Permit #:	W00-2678
Owner:	YSEDRO AND PEGGY MEDRANO	Well Depth (ft):	220
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:	63-1689	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19-JUL-00
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	100.5
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	52	Flowing:	N
Test Drawdown Depth (ft):	220	Test Hours:	1
Test Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	80		

K46
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000459465**

WELLS:

Well ID:	44000009284	Permit #:	W10851
Owner:	Beverly Vankuren	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	18-MAY-16
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	70
Screen Start Depth (ft):	0	Screen End Depth (ft):	0

Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	2
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	257	Specific Capacity:	0
Rock Top (ft):	58		

47
East
1/2 - 1 Mile
Higher

MI WELLS **MI6000000458871**

WELLS:

Well ID:	44000008637	Permit #:	W09275
Owner:	Gabriel Munguia	Well Depth (ft):	89
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:	50-2337	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	30-SEP-13
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	85
Screen Start Depth (ft):	85	Screen End Depth (ft):	89
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	1
Test Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

K48
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000459868**

WELLS:

Well ID:	44000009705	Permit #:	W05851
Owner:	Teresa Wood	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	15-AUG-17
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	98
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	2
Test Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	80		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O49
NE
1/2 - 1 Mile
Lower

MI WELLS **MI6000000456196**

WELLS:

Well ID:	44000005731	Permit #:	011-016-028-15
Owner:	E & H CONSTRUCTION	Well Depth (ft):	60
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:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	03-SEP-05
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	52
Screen Start Depth (ft):	52	Screen End Depth (ft):	60
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	60	Test Hours:	3
Test Rate:	60	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

L50
North
1/2 - 1 Mile
Lower

MI WELLS **MI6000000460974**

WELLS:

Well ID:	44000010874	Permit #:	12881
Owner:	PAT SMITH	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	09-JUN-21
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	60
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth (ft):	50	Test Hours:	3
Test Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	40
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	45		

N51
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000451448**

WELLS:

Well ID:	44000000705	Permit #:	W99-2384
Owner:	DONALD MAISON	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported

Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	10-APR-00
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	90
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	1
Test Rate:	35	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	78		

O52
NE
1/2 - 1 Mile
Lower

MI WELLS **MI6000000452641**

WELLS:

Well ID:	44000001937	Permit #:	W-99-1971
Owner:	GARY BRANDT	Well Depth (ft):	65
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:	74-1728	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	18-JUN-99
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	49
Screen Start Depth (ft):	49	Screen End Depth (ft):	65
Static Water Level (ft):	0	Flowing:	N
Test Drawdown Depth (ft):	64	Test Hours:	3
Test Rate:	50	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	18
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

P53
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000458511**

WELLS:

Well ID:	44000008264	Permit #:	W09558
Owner:	Michael Murphy	Well Depth (ft):	56
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:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	04-APR-12
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	51
Screen Start Depth (ft):	51	Screen End Depth (ft):	56
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	47	Test Hours:	2
Test Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	850	Specific Capacity:	0

Rock Top (ft): 0

P54
NW
1/2 - 1 Mile
Higher

MI WELLS **MI6000000452826**

WELLS:

Well ID:	44000002122	Permit #:	W01565
Owner:	CHESTER CRIMM	Well Depth (ft):	162
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:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	03-MAY-01
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	162
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	1
Test Rate:	80	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	64		

Q55
North
1/2 - 1 Mile
Lower

MI WELLS **MI6000000453867**

WELLS:

Well ID:	44000003221	Permit #:	W03427
Owner:	GEORGE TURNER TRUST	Well Depth (ft):	80
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	02-JUL-02
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	80
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	12	Flowing:	N
Test Drawdown Depth (ft):	80	Test Hours:	2
Test Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	38		

Q56
North
1/2 - 1 Mile
Lower

MI WELLS **MI6000000460377**

WELLS:

Well ID:	44000010247	Permit #:	10854
Owner:	BRANDON VIAENE	Well Depth (ft):	160

Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	07-SEP-19
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	70
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth (ft):	65	Test Hours:	3
Test Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	45		

O57
NE
1/2 - 1 Mile
Lower

MI WELLS **MI6000000454888**

WELLS:

Well ID:	44000004332	Permit #:	W05071
Owner:	BASIL	Well Depth (ft):	83
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1083	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	31-OCT-03
Case Type:	PVC Plastic	Other Casing Info:	Not Reported
Case Diameter (in):	5	Case Depth (ft):	75
Screen Start Depth (ft):	74	Screen End Depth (ft):	83
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth (ft):	83	Test Hours:	2
Test Rate:	35	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48444	2/2/1995		1.5
48444	4/6/2001		1.6
48444	1/19/2004		1.5
48444	2/16/2006		4.3
48444	5/8/2004		4.4
48444	2/11/2006		4.0
48444	11/30/2004		4.2
48444	2/7/2007		4.1
48444	2/3/2007		6.6
48444	3/19/2005		7.1
48444	12/9/2005		6.8
48444	5/8/2004		4.6
48444	12/22/2003		5.5
48444	2/2/2004		5.5
48444	1/30/2007		5.1
48444	1/20/2007		4.7
48444	3/30/2007		5.3
48444	8/6/2009		7.0
48444	1/2/2004		7.7
48444	8/22/2005		7.3
48444	3/26/2009		18.0
48444	3/9/2007		13.3
48444	12/31/2003		11.0
48444	8/6/2009		8.1
48444	3/12/2004		8.5
48444	12/5/2005		8.4
48444	7/31/2006		2.1
48444	1/27/2007		2.0
48444	2/2/2007		2.0
48444	4/12/2007		2.0
48444	2/13/2006		9.0
48444	2/4/2006		2.5
48444	1/8/1998		2.4
48444	1/30/2007		2.4
48444	11/9/2002		2.7
48444	9/16/2006		2.8
48444	3/29/2007		2.7
48444	11/4/1999		3.6
48444	2/8/2005		3.5
48444	2/23/2007		3.1
48444	1/6/2010		3.2
48444	2/7/2007		3.3
48444	7/23/2009	<	0.3
48444	4/12/2002		3.7
48444	8/23/2003		3.7
48444	3/2/2009		3.3
48444			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

	1/17/2009		3.3
48444	4/6/2001		3.9
48444	4/16/2005		3.1
48444	4/10/2004		3.1
48444	3/31/2008		3.4
48444	1/8/2004		3.8
48444	2/9/2006		1.9
48444	1/13/2003		1.9
48444	1/23/2007		1.9
48444	11/26/2007		1.9
48444	3/3/2008		1.9
48444	2/5/2007		1.8
48444	2/9/2007		1.8
48444	4/11/2005		1.8
48444	3/10/2006		1.8
48444	4/11/2005		1.7
48444	11/22/2003		1.6
48444	12/17/2004		1.6
48444	2/23/2009		1.7
48444	2/7/2006	<	0.3
48444	3/20/2004		0.5
48444	2/3/2007	<	0.3
48444	11/17/1999		0.5
48444	5/3/2004	<	0.3
48444	11/9/2002		0.8
48444	1/20/2004		0.7
48444	2/6/2006		0.7
48444	1/10/2004		0.9
48444	2/14/2007		0.7
48444	11/28/2008		0.7
48444	1/28/2008		0.6
48444	5/1/2007		0.7
48444	3/31/2008		0.8
48444	1/29/2007		0.9
48444	2/2/2007		0.9
48444	3/5/2007		0.9
48444	4/14/2001		1.4
48444	4/7/2006		1.4
48444	1/19/2007		1.3
48444	11/28/2008		1.3
48444	9/14/2002		1.3
48444	2/19/2007		1.2
48444	2/23/2007		1.2
48444	2/5/2007		1.2
48444	3/3/1995		1.1
48444	2/10/2007		1.1
48444	2/16/2007		1.1
48444	12/22/2003		1.0
48444	2/16/2007		1.0
48444	5/18/2006		1.0
48444	4/2/2007		1.0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LAPEER County: 2

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

Federal Area Radon Information for Zip Code: 48444

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.000 pCi/L	0%	100%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 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 H

Owner Interview Documentation

FOR INTERNAL USE ONLY	
ECT Project Number:	220365
ECT Project Name:	Imlay City - Former Sign Shop

> ectinc.com

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Instructions: Please complete the questionnaire to the best of your knowledge.

PROJECT/SITE INFORMATION

Project Street Address(es): 400 and 410 East Third Street

City: Imlay City County: Lapeer State: MI Zip: 48444

Parcel Number(s): Recent split from larger parcel

CONTACT INFORMATION

Contact	*Name*	*Telephone Number*	*Years Associated with Site*	*Completing Questionnaire?*
Property Owner	Imlay City			
Site Contact	Mr. Brett Shelby, Imlay City Police Officer		Few years	During site recon
Key Site Manager				
Previous Owner(s), Operator(s) and/or Occupant(s)	Ms. Lorrelei Natke, Former Director of Downtown Development Authority		Few years	During site recon

SUBJECT PROPERTY USE AND SPECIFICATIONS

Provide a general description of the site use: Currently vacant for several years

Most recent use was a former sign shop.

Provide all known current/former addresses and/or parcel numbers:

400 and 410 East Third Street. Recently split from larger parcel. Land Survey of split provided.

Property Acreage: .170

Original Construction Date: Unknown

Number of Buildings and each of their square footage(s): one commercial structure

Date(s) of Additions and/or Renovations:

Eastern portion was an addition - unknown age

Is there a basement/subgrade level? ☐ Yes ☐ No

If yes, is it a full or partial basement? No basement, but crawl space present

List any plans for redevelopment of the property or changes in use:

Proposed development of wine producer and community wine tasting space.

List any bodies of water on or immediately adjacent to the site: Unknown

Is any portion of the property leased for power, energy (e.g., oil, gas, solar, wind, etc.), production, or mineral/mining exploration? ☐ Yes ☐ No; If yes, please describe: Unknown

UTILITY INFORMATION	
Electricity Provider: Unknown	Natural Gas Provider: Unknown
Heating System Fuel Source(s): Unknown	Cooling System Power Source: Unknown
Sanitary Sewer Provider (if applicable): Municipal	Is there any wastewater discharge at the site? ☐ Septic Tank ☐ Drain/Leach Field ☐ Other:
Potable Water Source/Provider: Municipal	

OCCUPANTS/TENANTS		
Current Occupant(s)/Tenant(s)	*Length of occupancy*	*Brief description of on-site operations*
Vacant		
Previous Occupant(s)/Tenant(s)	*Length of occupancy*	*Brief description of on-site operations*
Former Sign Shop		

Has the subject property ever been occupied by the following?
☐ Industrial Facility ☐ Dry Cleaner ☐ Gas Station ☐ Printing Facility ☐ Manufacturing Facility
If yes, please describe operations and provide duration of occupancy:

Unknown

Have any previous investigations been performed at the subject property? ☑ Yes ☐ No;
If yes, please describe the report type and provide a copy of each prior report: ☐ Phase I ESA ☐ Phase II ☑ Other

Extensive sampling history is known from prior LUSTs. Records have been provided.

ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions, **either current or former**, on the Subject Property?
If applicable, please provide inventory records, inspection records and safety data sheets.

Feature Description	***YES***	***NO***	***Details for "Yes" Responses (quantity, contents, age, status, etc.)***
Aboveground Storage Tanks		✔	
Underground Storage Tanks		✔	
Hazardous/Toxic Substances		✔	
Stored Chemicals		✔	
Chemical Spills/Releases	✔		Aware of extensive sampling history
Dump Areas/Landfills			Not aware
Waste Treatment Systems			Not aware
Environmental Permits			Not aware
Environmental Cleanups	✔		Aware of extensive sampling history

Feature Description	*YES*	*NO*	*Details for "Yes" Responses (quantity, contents, age, status, etc.)*
Wastewater Discharges			Not aware
Floor Drains/Sumps/Clarifiers			Not aware
Pits, Ponds, Lagoons			Not aware
Stained Soil/Vegetation			Not aware
Pesticide/Herbicide Use			Not aware
Polychlorinated Biphenyls (PCBs)			Not aware
Electrical Transformers			Type (☐Pad ☐Pole ☐Dry) and Ownership: Not aware
Hydraulic Lifts			☐Aboveground ☐Underground Not aware
Elevators			Not aware
Lead-based paint			Not aware
Oil/Gas Wells			Not aware

OTHER ENVIRONMENTAL CONDITIONS

Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in,on, or from the property? ☐Yes ☐No
Explanation: Not aware

Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances orpetroleum products in, on, or from the property? ☐Yes ☐No
Explanation: Not aware

Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or potential liability relating to hazardous substances and/or petroleum products? ☐Yes ☐No
Explanation: Not aware

Are you aware of any environmental liens or activity and use limitations (AULs) for the property? ☐Yes ☐No
Explanation: Not aware

SURROUNDING PROPERTIES

Are you aware of any **current or former uses/occupants** of properties near the Subject Property? If yes, please describe location and/or current or former use(s)/occupant(s) below.

North: Police station **East:** Commercial multi-tenant
South: Public Works **West:** Fire Station

Name or Signature of Person Completing Questionnaire: Date:

Questionnaire completed by ECT following interviews from site reconnaissance — Ms. Natke - 6/17/22 & Mr. Shelby - 6/13/23

ECT updated the site contact interview with Mr. Shelby on December 5, 2023 during the site reconnaissance. Mr. Shelby was not aware of any changes to the Subject Property since June 13, 2023.

Appendix I

Local Interview Documentation

Local Government Interview Summary Sheet

400 and 410 E Third St, Imlay City
Lapeer County, Michigan

Agency Name	ECT Personel	Contact Name & Title (if known)	Method of Inquiry	Comments
COUNTY AGENCIES				
Lapeer County Health Department	Lisa Zuber	Edith Baker	Telephone: 810.667.0392	Edith Baker of the Lapeer Co. Health Dept., Environmental Health section, returned ECT's call on 5/31/22 at 1:47 pm. She said the county does not have keep records for municipal properties.
MUNICIPAL/LOCAL AGENCIES				
Imlay City Fire Department	Lisa Zuber	Rick Horton, Fire Chief	Telephone: 810.724.6262 Email: firechief@imlaycity.org	Left voicemail. Fire Chief Horton called on 6/1/2022, 11:26 am. He said since the property is the old DPW garage, we should contact the DPW Supervisor about the existence of any records. The chief has no record of fire dept. responses, but knows, for example, that there was some soil sampling done at the property. He said to contact the Imlay City offices and to let them know that he referred us to the DPW to find out about the records.
Imlay City Offices	Lisa Zuber	Leah, admin. assistant	Telephone: 810.724.2135 Fax: 810.667.0283	6/1/2022 12:35 pm - Upon answering my phone call to the general Imlay City offices number, Leah suggested that I send the records request to her email and she would distribute amongst departments, including zoning/building dept. No records recieved.

Due to lack of available records in 2022 as Subject Property is owned by the local municipality, ECT did not update local government interviews in 2023 as ownership has not changed.

Appendix J

Photographic Documentation

Description
FACING SOUTHEAST AT WESTERN (OFFICE) PORTION OF SUBJECT BUILDING

Description
FACING SOUTHWEST AT EASTERN (GARAGE) PORTION OF SUBJECT BUILDING

Description
FACING NORTH AT SOUTHERN EXTERIOR WALL OF SUBJECT BUILDING

Description
FACING WEST AT SOUTHERN EXTERIOR WALL OF SUBJECT BUILDING

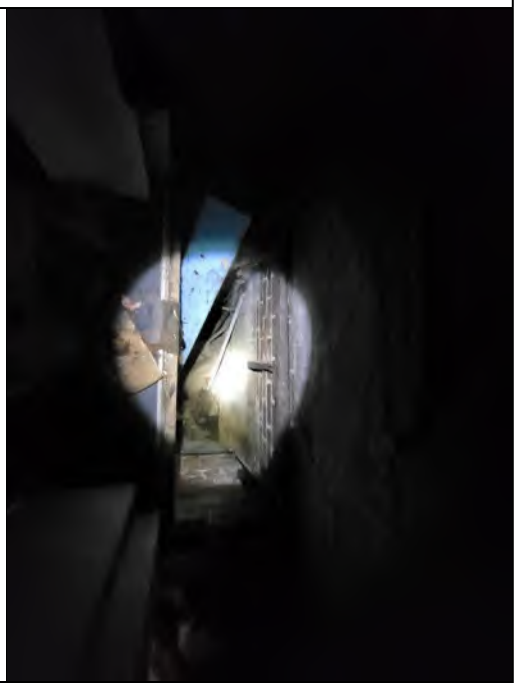
Description
EASTERN EXTERIOR WALL OF SUBJECT BUILDING AT AREA OF FORMER HEATING OIL UST

Description
MONITORING WELLS ON EASTERN PORTION OF SUBJECT PROPERTY

Description
INTERIOR OF EASTERN (GARAGE) PORTION OF SUBJECT BUILDING

Description
TRENCH AND FLOOR DRAIN INSIDE GARAGE PORTION

Description
DOWNWARD VIEW OF CRAWL SPACE; NO INTERIOR ACCES



Description
TYPICAL INTERIOR VIEW OF WESTERN (OFFICES) PORTION OF SUBJECT BUILDING

Description
TYPICAL INTERIOR VIEW OF WESTERN (OFFICES) PORTION OF SUBJECT BUILDING

Description
FORMER EXTERIOR SOTRAGE AREA TO THE WEST OF SUBJECT BUILDING

Description
WEST ADJOINING PROPERTY WITH CISTERN VISIBLE (BOTTOM LEFT)

Description
FACING NORTH AT POLICE STATION ACROSS FROM EAST THIRD STREET

Description
INACTIVE REMEDIAL SYSTEM ON SOUTH ADJOINING PROPERTY

Description
FACING SOUTHWEST AT SOUTH ADJOINING DEPARTMENT OF PUBLIC WORKS GARAGE

Appendix K

Resumes of Environmental Consultants

Maura Gibbons

Due Diligence Project Manager

Ms. Gibbons has a bachelor's degree in Environmental Geoscience from the Lyman Briggs College at Michigan State University. Proffessionally, she has conducted hundreds of due diligence assessments for various land types, including Phase I and II Environmental Site Assessments, Baseline Environmental Assessments, Desktop Environmental Records Reviews, Due Care Compliance Evaluations, Sampling and Analysis Plans, and Response Activity Plans and has extensive field services experience, such as asbestos and hazardous material surveys, chemical inventories, environmental media sampling, and site reconnaissances. Lastly, Ms. Gibbons has a strong emphasis in project management in niches such as affordable housing, brownfield, and renewable energy development.

EXPERIENCE

Affordable Housing
Conducted various environmental services for the renovation and development of affordable housing properties, which followed Michigan State Housing Development Authority (MSHDA) and United States Department of Housing and Urban Development (HUD) reporting requirements. Environmental services included traditional due diligence assessments, remedial investigations and planning, and National Environmental Protection Act (NEPA) assessments including but not limited to noise, explosion hazards, and wetland protections.

Brownfield Redevelopment
Consultant incumbent for Brownfield Environmental Protection Agency (EPA) Assessment Grants through the Downriver Community Conference, Oakland County, Wayne County, and Genesee County Land Bank Authority. In addition to environmental services, grant administrative tasks included Quality Assurance Project Plans (QAPP), Eligibility Determinations, and ACRES tracking and reporting. Other brownfield economic incentive experience includes the preparation of Local Brownfield Revolving Loan Fund (LBRF) and state brownfield grant applications.

Renewable Energy
Managed and conducted hundreds of environmental due diligence assessments for utility-scale solar and wind projects in the Midwest, Mid-Atlantic, and Central US. Project sites ranged between one and 200,000 acres of land and addressed environmental concerns including but not limited to oil/gas exploration, surface and subsurface mining, power generating stations, and landfills.

PREVIOUS CAREER EXPERIENCE

Field Chemist | U.S. Ecology
Provided services for lab packing, drum sampling, and chemical inventory for industrial and household hazardous waste streams. Knowledgeable and compliant with Department of Transportation, EPA, and Occupational Safety and Health Administration regulations pertaining with waste management and handling.

Field Technician | Midwest Analytical Services, Inc.
Operated a Geoprobe drilling rig and performed low-flow groundwater monitoring sampling. Generated and maintained documentation including well logs, chain of custodies, and standard operating procedures for customer specific sites. Coordinated with environmental consultants for remediation, monitoring, and due diligence projects.

EDUCATION

B.S. Environmental Geoscience
Michigan State University: Lyman Briggs College

CREDENTIALS

American Institute of Professional Geologists

Asbestos Building Inspector #A51771

Certified First Aid Training

Environmental Professional (EP)

Michigan Association of Environmental Professionals

OSHA HAZWOPER 40-hour and 8-hour Refresher

PSMJ Project Management Training

AREAS OF EXPERTISE

All Appropriate Inquiries

Affordable Housing Development

Asbestos and Hazardous Materials Surveys

ASTM E2247 & E1527

Brownfield EPA Assessment Grants

CERCLA Liability Protection

Due Care Compliance and Continuing Obligations

Economic Incentives

Environmental Sampling

Project Management

Risk Assessment and Mitigation

Vapor Intrusion

GEOGRAPHY OF WORK

IA, IL, IN, KS, KY, LA, MN, MI, NC, OH, OK, OR, PA, SC, TX, VA, WA, WI

Dirk S. Mammen, Esq.

Principal Scientist

Dirk Mammen, Esq., is an accomplished scientist and licensed attorney, having nearly 30 years of experience in the performance, coordination, and management of environmental assessment, environmental due diligence, and compliance projects throughout the United States, ensuring compliance with ASTM standards and AAI rules under CERCLA. Included among these is an environmental asset and risk management review of industrial properties located throughout the United States on behalf of a European based manufacturer. In addition, Mr. Mammen has performed services for several upstream oil and gas clients, specifically pertaining to remediation activity and management, regulatory agency negotiations, compliance reviews, and due diligence assessments. Mr. Mammen currently serves as the Brownfield Redevelopment Authority administrator for Grand Traverse County, Michigan. Mr. Mammen's legal training and research skills positions him well for due diligence evaluations, evidence and document management, and risk management activities, and his expertise has been utilized in the quality assurance/quality control of thousands of Phase I ESAs prepared on behalf of developers, communities, regulatory agencies and industrial clients nation-wide.

EXPERIENCE

ESAs | Various Clients
Coordinated, managed, or performed more than 1,800 ESAs for lending institutions, law firms, private industry, municipal organizations, construction developers, and private interests. Sites include vacant properties, manufacturing and industrial facilities, small to very large commercial buildings, landfill and dump sites, municipal garages, and other UST and hazardous material sites. Sites are located throughout the United States, primarily in the Midwest, upper Midwest, and Rocky Mountain regions.

Large Scale Due Diligence Assessment | Chevron U.S.A., Inc. | Michigan
Designed, coordinated, and implemented a specialized due diligence assessment process in support of a large-scale property and asset transfer, including the potential transfer of more than 60 natural gas production facilities and 1,800 natural gas wells across Michigan. Evaluation activities included site visual inspections, detailed spill history reviews, and extensive environmental database compilation.

Grand Traverse County Brownfield Redevelopment Authority | Michigan
Currently serves as the contract administrator for the brownfield redevelopment authority (BRA), operating as the liaison between the BRA and property development teams, local and state regulatory agencies, local municipalities, and county employees. Provides both technical and financial review of reimbursement and development agreements, brownfield redevelopment workplans, and other tax capture, grant and/or loan opportunities.

Demolition Assessment and Environmental Services | Wayne County Airport Authority | Wayne County, MI
Directed and managed the environmental assessment and hazardous materials management processes associated with the abatement and demolition of select buildings at Detroit Metropolitan Airport.

EDUCATION

J.D., Law
Detroit College of Law

B.S., Geological Sciences
Michigan State University

CREDENTIALS

State Bar of Michigan (P51219)

OSHA HAZWOPER 40-hour and 8-hour refresher training

Hazardous Waste Operations Supervisors and Managers Certificate

Sanitary Landfill Design Certificate

Asbestos Awareness Program Certificate No. 189-2

AREAS OF EXPERTISE

Geology, Hydrogeology, Soils Contamination Assessments

Groundwater Monitoring & Contaminant Assessments

Environmental Site Assessments

Property Acquisition/Transfer Environmental Management & Risk Management

Underground Storage Tank Closure & Remediation Investigations

Brownfield Redevelopment & Project Management

Demolition Assessment and Environmental Services | Wayne County Airport Authority | Wayne County, MI (continued)
Activities included the presentation of detailed facility inspections, the preparation of abatement and demolition specifications, assistance with the demolition contractor bidding and selection process, and the performance of demolition monitoring and dust control activities.

Traverse City Place Cyanide Plume Investigation | Grand Traverse County Brownfield Redevelopment Authority | Traverse County, MI
Coordinated, directed, and performed numerous activities associated with a Michigan Department of Environmental Quality (MDEQ)-approved design data acquisition work plan associated with the presence of an area-wide groundwater plume impacted with cyanide, emanating from an historical manufactured gas plant (MGP) property. Activities included the assessment of soil and groundwater conditions, and the management of a core stakeholder group of municipal and private groups, including public outreach responsibilities, and the regulatory review process.

NORM Assessment, Remediation, and Closure Verification | EnerVest Operating, LLC | Chester County, MI
Directed and managed, in response to regulatory agency inspection, the initial assessment of site conditions relative to NORM potential of a natural gas processing facility, with associated gas wells in Chester Township, Michigan. Effort included a site-wide assessment, identification of NORM materials, equipment, and impacted soils, and the removal of impacted wastes. Post remediation verification sampling and closure reporting was conducted.

10 Mile Drain Investigation & Remediation | Macomb County Public Works Office | Macomb County, MI
Completed detailed environmental assessment activity and in-depth historical research investigation to evaluate historical and current sources of polychlorinated biphenyl (PCB) materials impacting the drain system. Performed an investigation of the 10 Mile Drain storm sewer to characterize the nature and extent of PCB contamination. The investigation consisted of soil boring placement and soil sample collection in areas immediately adjacent to the drain system, as well as stormwater and sediment monitoring within the sewer, a corridor survey (aerial photograph, interviews of local residents and historic land use review) to determine the potential source of the contamination, and an inspection of the sewer condition using closed circuit televising.

Environmental Services | Wayne County Airport Authority | Wayne County, MI
Performed, coordinated, and/or managed numerous environmental assessment or environmental compliance projects at both Detroit Metro Airport and Willow Run Airport, including UST removal, spill response, assessment or compliance evaluations and miscellaneous drum identification and removal actions. Performed remediation activity associated with surface fuel spills and subsurface release during new terminal construction activity resulting from historical hydrant fuel system.

Bulk Oil Terminal Release and Site Reconstruction | Knight Enterprises/Delta Fuels
Managed all environmental assessment, remediation, and compliance issues resulting from a 100,000-gallon gasoline overfill event, impacting both an on- and offsite area in Toledo, Ohio. Site involved federal and state regulatory action. The secondary containment system was replaced with approximately 3,000 linear feet of high-density polyethylene liner. Managed and designed the construction and permitting for an onsite water treatment and remediation system. Provided regulatory compliance assistance, including the preparation and implementation of treatment, storage, and disposal facility closure plan; spill prevention, control, and countermeasure plan; and facility response plan.

Due Diligence Manager | ITC (International Transmission) | Midwest
Managed and completed all land acquisition projects related to electric utility expansion throughout the Midwest (Michigan, Iowa, Kansas, and Minnesota), including Phase I/II ESAs, baseline environmental assessments, and Transaction Screen Plans on a variety of sites, both active electrical utility sites and undeveloped acreage. Included corridor study assessment activity, detailed title work review, and significant area-wide impact investigations.

Brownfield Redevelopment Authority | Various Michigan Counties | Michigan
Performed site investigations, due diligence services, due care analyses, and other assessment services for numerous municipal brownfield redevelopment authorities throughout the lower and upper peninsulas of Michigan. Sites included manufacturing facilities, an abandoned paper production site, a power plant property, and landfill property. Facilitated MDEQ-negotiated no further action under the due care process.

Transformer Release and Remediation | Federal Aviation Authority | Detroit, MI
Responded to the release of transformer oil to the ground surface and subsurface as a result of vandalism at Detroit

Metro Airport. Provided site assessment, soil and water remediation, and risk assessment activities. Coordinated the assessment, removal, and appropriate disposal of the electrical equipment and completed PCB risk evaluation. Presented closure documentation to the local, state, and federal regulatory agencies involved with the project.

MGP Site Assessment and Risk Evaluation | Michigan Consolidated Gas Company | Michigan
Performed site investigations, exposure evaluations, and risk assessments at former MGPs as part of a complex effort to implement a plan for the investigation of 23 sites located throughout Michigan. The plan is designed to meet the company's obligations under Michigan's requirements to diligently pursue response activities. Conducted records searches and other information gathering; prepared site summary reports; prioritized all 23 for further investigation; provided oversight of a Geoprobe investigation at 9 of the 23 sites; and formulated a plan, including a budget and schedule, for response activities at all 23 sites.

Large-Scale Area Wide Phase I ESAs | Various Clients | Detroit, MI
Completed six large-scale area wide Phase I ESAs on specific residential housing redevelopment areas in Detroit, Michigan. Each area wide assessment involved the potential acquisition of 80 to 230 vacated residential lots within certain redevelopment neighborhoods. The area wide assessment approach involved the historical and regulatory evaluation of all properties within a specific grid or block area, followed by an individual assessment of each acquisition parcel in relation to the environmental conditions of the area. A review of all available historical documentation was performed, including Sanborn fire insurance maps, historical aerial photographs, street index directories, Federal Emergency Management Agency flood zone maps, zoning documentation, building, assessment, and fire department records, and specific title documentation. Assisted with parcel identification and quality of title issues, with all parcels having been or slated to be reverted to City of Detroit ownership. Compiled comprehensive assessment reports for each assessment area, including detailed maps and parcel summaries. Prepared all applicable Michigan State Housing Development Authority (MSHDA) applications and environmental documentation for submittal. The projects were completed on time to conform to MSHDA deadlines and within budget.

Phase II ESA Activity | Various Clients | Midwest
Coordinated, managed, or performed more than 600 Phase II ESAs onsite throughout the Midwest, including industrial and commercial properties, residential properties, and rails-to-trails corridors. Sites ranged in size from very small lots to large acreage developments. Chemical impacts evaluated include petroleum products, solvents and various dense non-aqueous phase liquid , PCBs, and various metals. Completed baseline environmental assessments on numerous Michigan sites.

Site Characterization and Investigation | Remedial Investigation/Feasibility Study (RI/FS) | Property Developer
Managed and performed site investigation, RI/FS, and remedial design activities on a former solvent recycling and treatment, storage and disposal RCRA facility. Soil and groundwater impacts evaluated, with on- and offsite risk assessment.

Site Characterization and Investigation | Remediation and Site Closure | Ryder Truck Rental, Inc. | Midwest
Managed or performed all phases of site investigation activities for petroleum-related contamination at numerous Midwest locations. Activities included feasibility analysis, and remedial design and implementation primarily pertaining to onsite and offsite low temperature thermal desorption and groundwater treatment.

Landfill Condition and Design Assessment | Allstate Insurance Company | Weld County, CO
Performed a landfill inspection in Weld County, Colorado, regarding condition, operations, and management and future cell design review for new bond issue considerations and liability limitations.

Site Assessment and Property Transfer Management | Detroit, MI
Performed all phases of site assessment activities on site in Detroit, Michigan, with numerous historical industrial uses to facilitate plant demolition, remediation, and redevelopment. Strong legal and financial influence and regulatory agency involvement, including covenant-not-to-sue negotiations and property risk management settlements.

Site Investigation, Remedial Design, and Risk Management | Bulk Oil Storage Facility | Michigan
Performed site assessment activities of a large bulk oil storage terminal in Michigan with significant legal and financial institution involvement. Provided remedial design alternatives, with an emphasis on in situ bioremediation enhanced groundwater and soil treatment using a variety of horizontal boring techniques and reapplication of the bioenhanced medium.

ESA, Front Range Airport Development | Colorado
Performed an ESA on more than 4,000 acres of land for future development in eastern Colorado. Assessment included site investigation, historical review, regulatory review, and recommendations.

Surface Water and River Sediment Investigation-Detroit River | City of Gibraltar, MI
Performed all phases of field and reporting investigation for a section of river reportedly impacted by numerous chemical contaminants from nearby and upstream industries. Investigation included sample location plan, sediment and water collection and analysis, data interpretation, and environmental impact and assessment recommendations.

Hydrocarbon Remediation Investigation | Kubat Equipment and Service Company | Jefferson County, CO
Performed functions related to UST removal, closure soil sampling, contaminant assessment and reporting, monitoring well placement, hydrogeologic investigation, and remedial action design and implementation for large county UST facility in Jefferson County, Colorado.

Soil and Groundwater Conditions, Risk Management | City of Royal Oak, MI
Provided expert testimony relating to subsurface petroleum and solvent contamination impacts on neighboring properties, allegedly resulting from several potential offsite and former onsite sources.

Groundwater Conditions | D & T Construction Company
Provided expert testimony and consulting regarding alleged groundwater mounding and depletion impacts during construction activities, specifically related to the diminished capability of nearby drinking water wells.

Landfill Construction at Various Disposal Sites | Michigan and northern Ohio
Provided onsite quality control activities during the construction of landfill liners and berms on numerous disposal facilities throughout southeast Michigan and northern Ohio.

Site Investigations and Regulatory Compliance Assessments | Marigold Foods/Kemps Ice Cream | Wisconsin
Performed numerous site investigations and regulatory compliance assessments of dairy product storage and production facilities in Wisconsin, with particular emphasis on corporate operations transfer, worker safety issues, and waste water treatment difficulties.

Site Characterization and Remediation Investigation and Design | Sosnick Development | Michigan
Performed site characterization and remedial investigation on property prior to high-rise tower construction in southeastern Michigan. Completed soil and groundwater sampling for past contamination resulting from large volumes of trichloroethylene (TCE) spilling and leaking. Prepared remedial design of contaminated groundwater collection and treatment system.

UST Site Characterization Investigations | Shell Oil Company | Michigan
Performed site characterization studies at numerous Shell service stations in southeastern Michigan, including utility locate diagrams, soil borings and sampling, field analysis, and reporting and recommendations.

Hydrogeologic Investigations | Mobil Oil Company | Michigan
Performed hydrogeologic investigations of Mobil facilities in southeastern Michigan related to groundwater contamination resulting from UST impairment. Investigations included monitoring well placement, groundwater characteristic determination, water sampling and analysis, reporting, and recommendations.

UST Closure and Contaminant Assessments | Venta and Conoca Oil Companies
Performed numerous site closure assessments in Colorado, including soil boring studies, hydrogeologic investigations, remedial design and remediation, soil venting system design and placement, regulatory agency interfacing, reporting, and recommendations.