August 7, 2023 ECT No. 220365-0100

Ms. Ianet 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 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,

Marion &

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



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.
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Common Acronyms and Abbreviations

ACT	About around Change Toul
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.



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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 <u>Section 6.2</u>) 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 Figure 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.



Purpose and Scope of Work 2.0

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 <u>1.2.2</u> and <u>Section 2.5</u> 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	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 <u>Limitations and Exceptions</u>

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 <u>Limiting Conditions and Deviations</u>

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 <u>User Reliance</u>

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.



Subject Property and Vicinity Descriptions 3.0

Subject Property Characteristics 3.1

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 #119-59-100-003-00					
	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	~1920s (western portion) and ~1930s (eastern portion)				
Construction					
Number of Floors	One				
Size (square footage)	Approximately 2,300-square feet				
Basement/Subgrade	Crawl space along northern wall of western portion; extent/size is				
Area(s)	unknown.				
Occupant(s)	Vacant				
Property Use	Mostly vacant except for some Imlay City implement storage.				
	UTILITY INFORMATION				
Heating/Cooling	Natural gas				
Source					
Potable Water Source	Municipal				
Sewage Disposal	Municipal				
Provider					
	REGULATORY INFORMATION				
Regulatory Database	Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part				
Listings	201, RCRA-VSQG, UST, & WDS				
Activity and Use	None				
Limitations (AULs)					
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).

Vicinity Characteristics 3.2

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 <u>Section 6.0</u> for a discussion of regulatory database listings.

Physical Setting 3.3

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					
Source	es: 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.



User Provided Information 4.0

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?	0	>	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?	0	>	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?	0	~	

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.



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.

	Aerial	Topographic	Fire Insurance	
Dates	Photographs	Maps	Maps	City Directories
No Coverage		0		
Prior to 1940	✓		✓	
1940 - 1945	✓		0	
1946 - 1950				
1951 - 1955			✓	
1956 - 1960	✓			
1961 - 1965	✓	✓		
1966 - 1970		0	0	
1971 - 1975				✓
1976 - 1980	✓	0	0	✓
1981 - 1985	✓			✓
1986 - 1990	✓			✓
1991 - 1995		0	0	✓
1996 - 2000	✓	0	0	✓
2001 - 2005		0		✓
2006 - 2010	✓	0		✓
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 <u>Surrounding Area Historical Summary</u>

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.	
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.	City directory

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:	d 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

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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.



6.0 Regulatory Database Review

Database Finding Summary 6.1

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	Approximate Minimum Search Distance					
(where available)	(miles)					
Federal Sources						
NPL list	1.0					
Delisted NPL list	0.50					
CERCLIS list	0.50					
CERCLIS-No Further Remedial Action Planned	0.50					
(NFRAP) list						
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	SP					
registries						
Federal Emergency Response Notification System	SP					
(ERNS) list						
State S						
State- and tribal-equivalent NPL	1.0					
State- and tribal-equivalent CERCLIS	0.50					
State and tribal landfill and/or solid waste	0.50					
disposal site lists						
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	SP					
control registries						
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

	Search	Target	Within	0.12mi to	0.25mi to	0.50mi to	
Database	Radius	Property	0.12mi	0.25mi	0.50mi	1.00mi	Total
RCRA-VSQ	0.250	1	2	4	NR	NR	7
G							
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
BROWNFIE LDS	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
DRYCLEAN ERS	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

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		Inventory, LUST, RGA LUST, UST, & WDS
400 & 410 East Third Street		Brownfields, Part 201, & RGA Part 201
City of Imlay		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 <u>Section 7.1</u> 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.

Surrounding Properties 6.3

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





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 <u>Unmappable Properties</u>

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.



7.0 Regulatory Agency Records Review

State Environmental Agency 7.1

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
	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
	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 <u>Section 5.4</u> .

2017 CORRESPONDANCE	
	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
	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		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 limited not 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 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**).



10.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW							
Site Reconnaissance	June 13, 2023						
Date:							
ECT Assessor(s) Name	Ms. Maura Gibbons - Scientist						
& Title:							
Escort & Relationship	Mr. Brett Shelby, Imlay City Police Officer						
to Property:							
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	A railroad easement is located approximately 100 feet to the south.						
Corridors:							
Exterior Storage	Imlay City implement storage to the west of the structure, including traffic						
Areas:	barricades and fence posts.						
Surface Water:	None						

Subject Property Reconnaissance Summary 10.1

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	>	





OBSERVATION	YES	NO
Septic Systems		✓
Other	~	

10.2 <u>Underground Storage Tanks</u>

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 <u>Section 5.2</u> 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



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

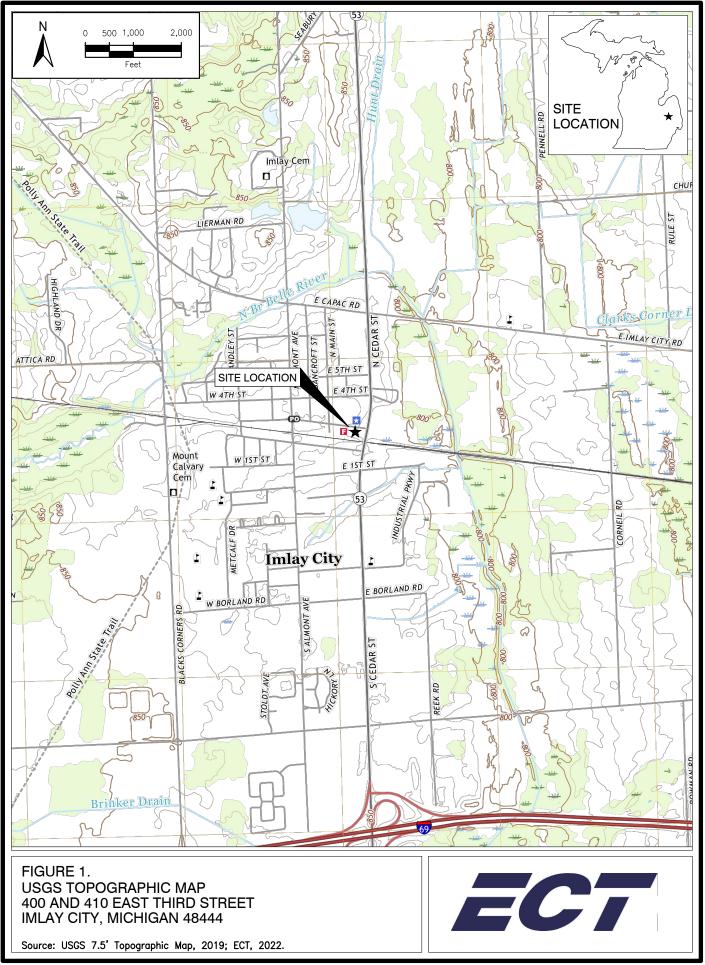
	PUBLICATION OR	
REFERENCED ITEM OR AGENCY	INQUIRY DATE(S)	SOURCE
Aerial Photographs	May 17, 2023	EDR
	March 24, 2019	Google Earth™
Assessor Information	August 1, 2023	BS&A Imlay City
City Directories	May 19, 2023	EDR
Depth to Groundwater Information	2022	ECT
Fire Department(s)	May 31, 2022	Imlay City 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



Appendix A

Figures





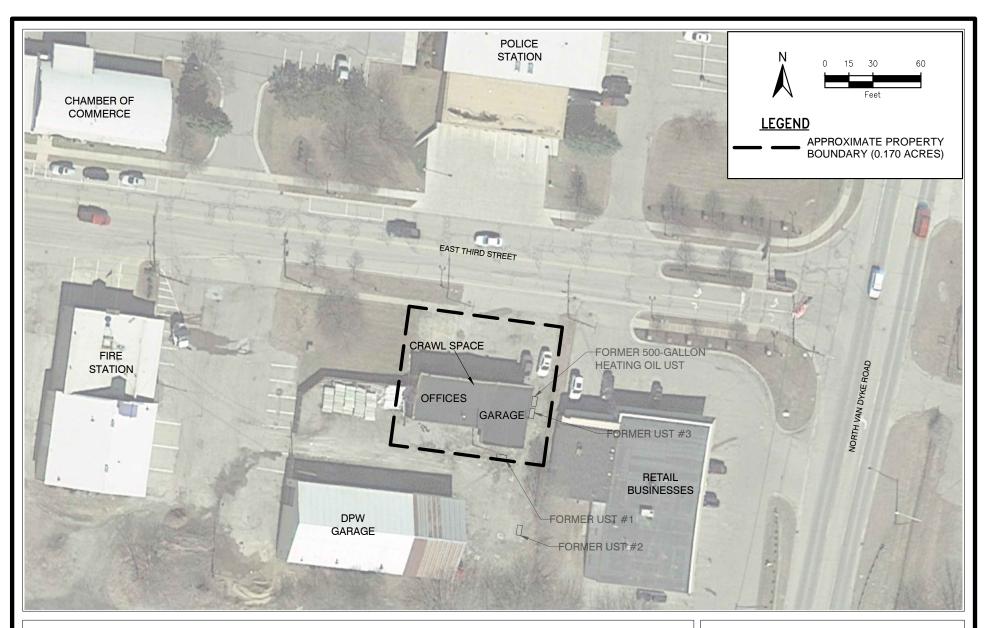
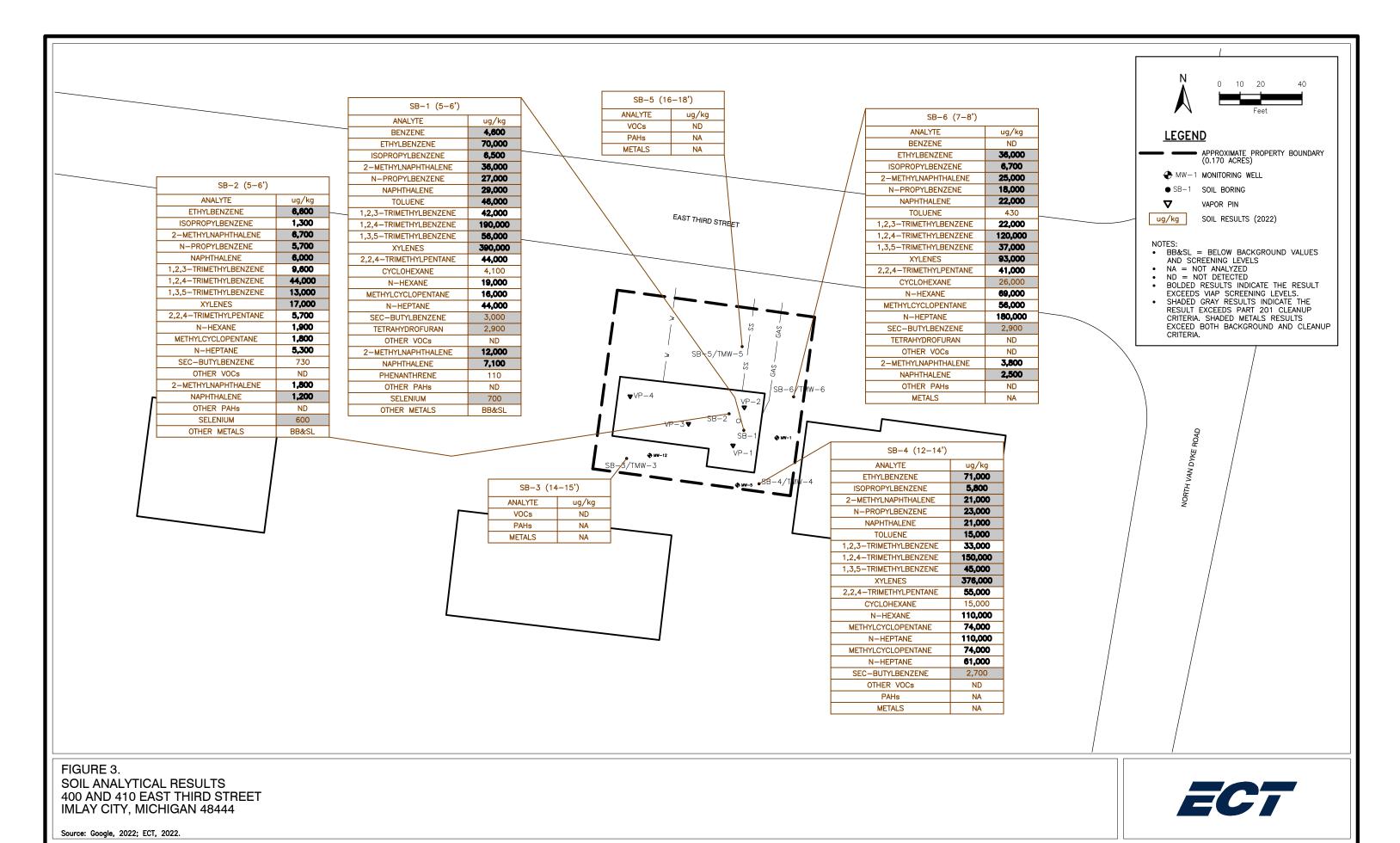


FIGURE 2. SUBJECT PROPERTY OVERVIEW 400 AND 410 EAST THIRD STREET IMLAY CITY, MICHIGAN 48444

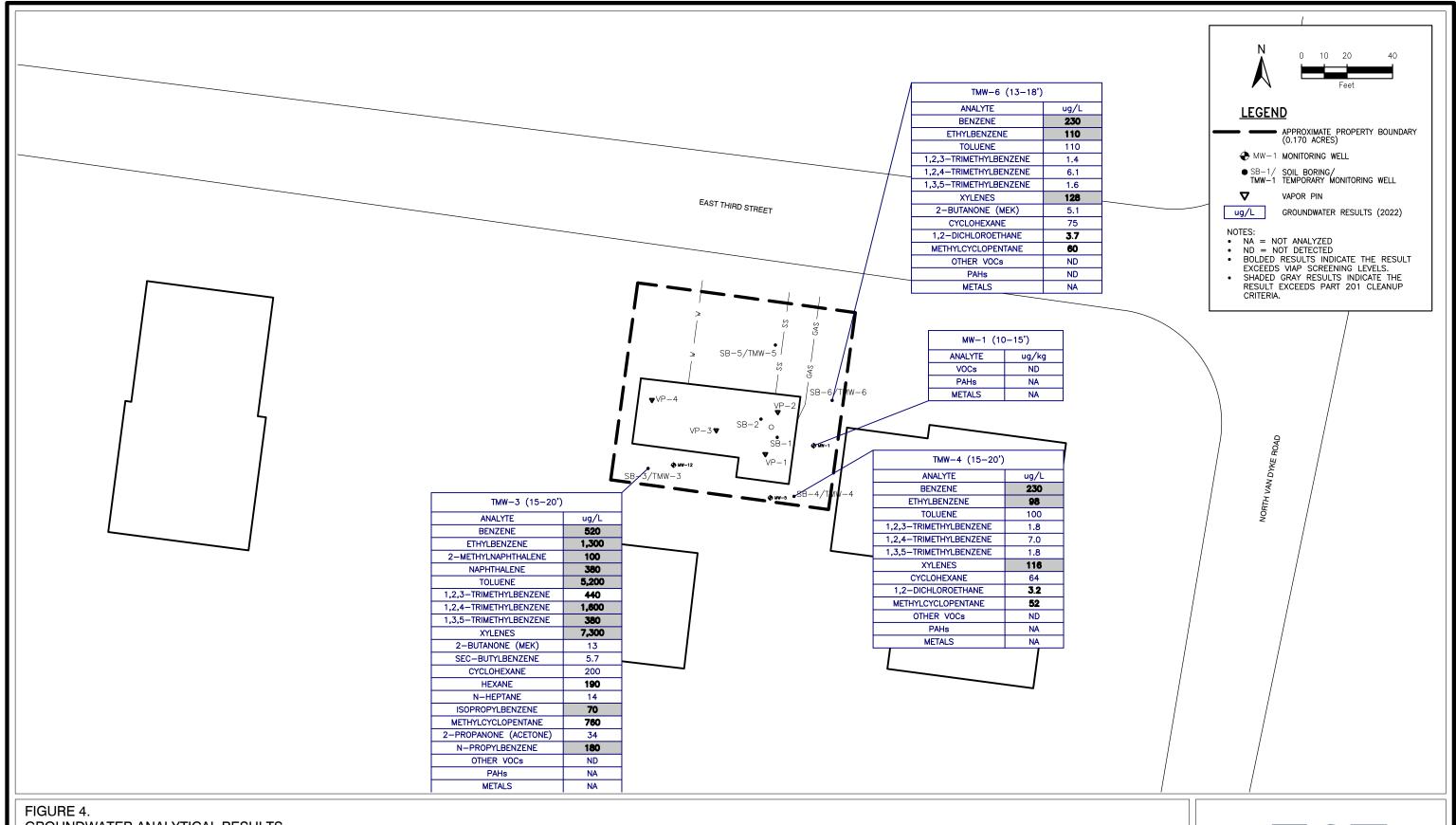
Source: Google, 2022 (imagery date: 3/24/19), ECT, 2022.





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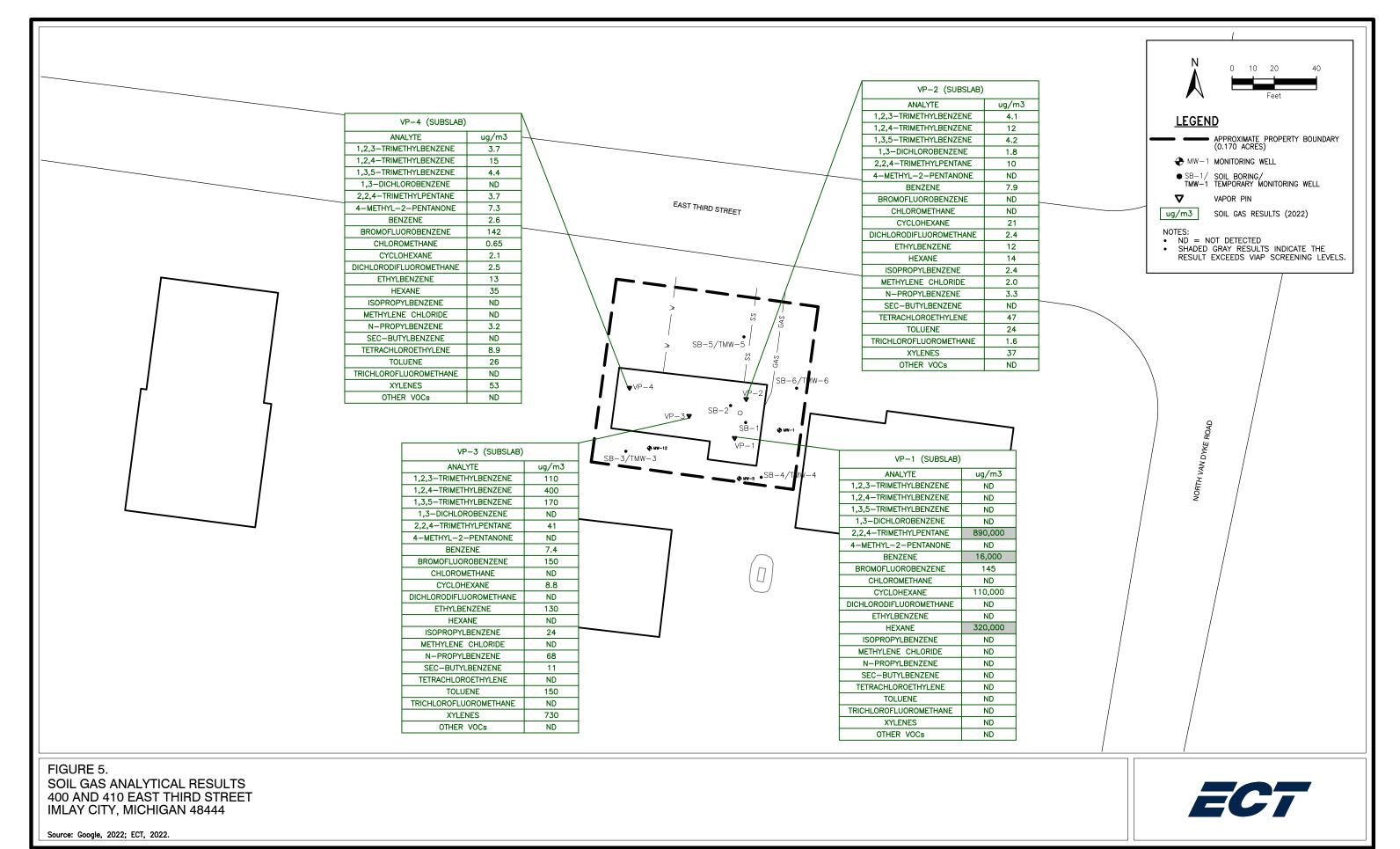
John Kennedy 11/7/2022 11:58:20 AM



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

Source: Google, 2022; ECT, 2022.





Appendix B

Data Tables



Table 1. Soil Analytical Summary 400 and 410 East Third Street, Imlay City, MI

Matrix: Soil

Cleanup Criteria: Residential/Nonresidential

		Statewide	Part 201 Cleanup Criteria / Part 213 Risk-Based Screening Levels (June 2018)				VIAP (2020) Sample Locations (and Depths)									
	Chemical Abstract	Default		•	Residential			Residential	Nonres				ECT 2022			
	Service Numbers	Background	Drinking Water	GSI Protection	Soil Volatilization	Infinite Source	Direct Contact	Screening	Screening	SB-1 (5-6)	SB-2 (5-6)	SB-3 (14-15')	SB-4 (12-14')	SB-5 (16-18')	SB-6 (7-8')	SB-1 DUP (5-6')
	Service Inditibels	Levels	Protection	Criteria	to Indoor Air	Volatile Soil	Criteria	Levels	Levels							,
		Levels	Criteria	Criteria	Inhalation Criteria	Inhalation	Criteria	Levels	LEVEIS	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22
VOC, ug/kg - Method 8260M, 826																
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 NA	300.000	4,200 8,700	190,000,000	81,000,000	41,000,000	200.000	3.600.000	<110	1,800 <110	na	na	na	3,800 <110	<110
· ·	208968	NA NA	5,900	8,700 ID	1,600,000	2,200,000	1,600,000	NA	3,000,000 NA	<110	<110	na	na	na	<110	<110
Acenaphthylene Anthracene	120127	NA NA	41,000	ID	1,000,000	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 NA	41,000 NLL	NLL	NLV	1,400,000,000 NLV	20,000	160.000	11.000.000	<110	<110	na	na	na	<110	<110
Benzo(a)pyrene	50328	NA NA	NLL	NLL	NLV	NLV	2,000	NA	NA	<220	<220	na	na	na	<220	<220
Benzo(b)fluoranthene	205992	NA NA	NLL	NLL	ID	ID	20,000	NA.	NA NA	<220	<220	na	na	na	<220	<220
Benzo(g,h,i)perylene	191242	NA NA	NLL	NLL	NLV	NLV	2,500,000	NA.	NA NA	<220	<220	na	na	na	<220	<220
Benzo(k)fluoranthene	207089	NA NA	NLL	NLL	NLV	NLV	200.000	NA NA	NA NA	<220	<220	na	na	na	<220	<220
Chrysene	218019	NA NA	NLL	NLL	ID	ID	2,000,000	NA.	NA NA	<110	<110	na	na	na	<110	<110
Dibenzo(a,h)anthracene	53703	NA NA	NLL	NLL	NLV	NLV	2,000	NA NA	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 NA	<110	<110	na	na	na	<110	<110
Fluorene	86737	NA 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 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
.,	5000			-=	,,,500	, ,	-,,-50	-,,-30	,,	'''						
Total Metals, ug/kg - Method 602	20/7470/7471															
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

		Part 201 / Part 213 Cleanup Criteria (August 2020)			VIAP Screening Levels (2020)				Sample Locations				
	Chemical	Residential	Res/Nonres	Residential	Resi	dential		sidential			ECT 2022		
	Abstract	Duinline Weter		Groundwater	Shallow	Groundwater	Shallow	Groundwater	MW-1	TMW-3	TMW-4	TMW-6	TMW-6 DUP
	Service Numbers	Drinking Water Criteria	GSI Criteria	Volatization to	Groundwater	Not in Contact		Not in Contact	(10-15')	(15-20')	(15-20')	(13-18')	(13-18')
	Numbers	Criteria		Indoor Air	Groundwater	NOT III CONTACT	Groundwater	NOT III CONTACT	8/16/22	8/16/22	8/16/22	8/16/22	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	VIAP Screenin	Sam	ple Locatio	ns (and De	pths)	
	Abstract	Residential	Nonresidential	VP-1	VP-2	VP-3	VP-4
	Service	Soil	Soil	(subslab)	(subslab)	(subslab)	(subslab)
	Numbers	Vapor	Vapor	8/16/22	8/16/22	8/16/22	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

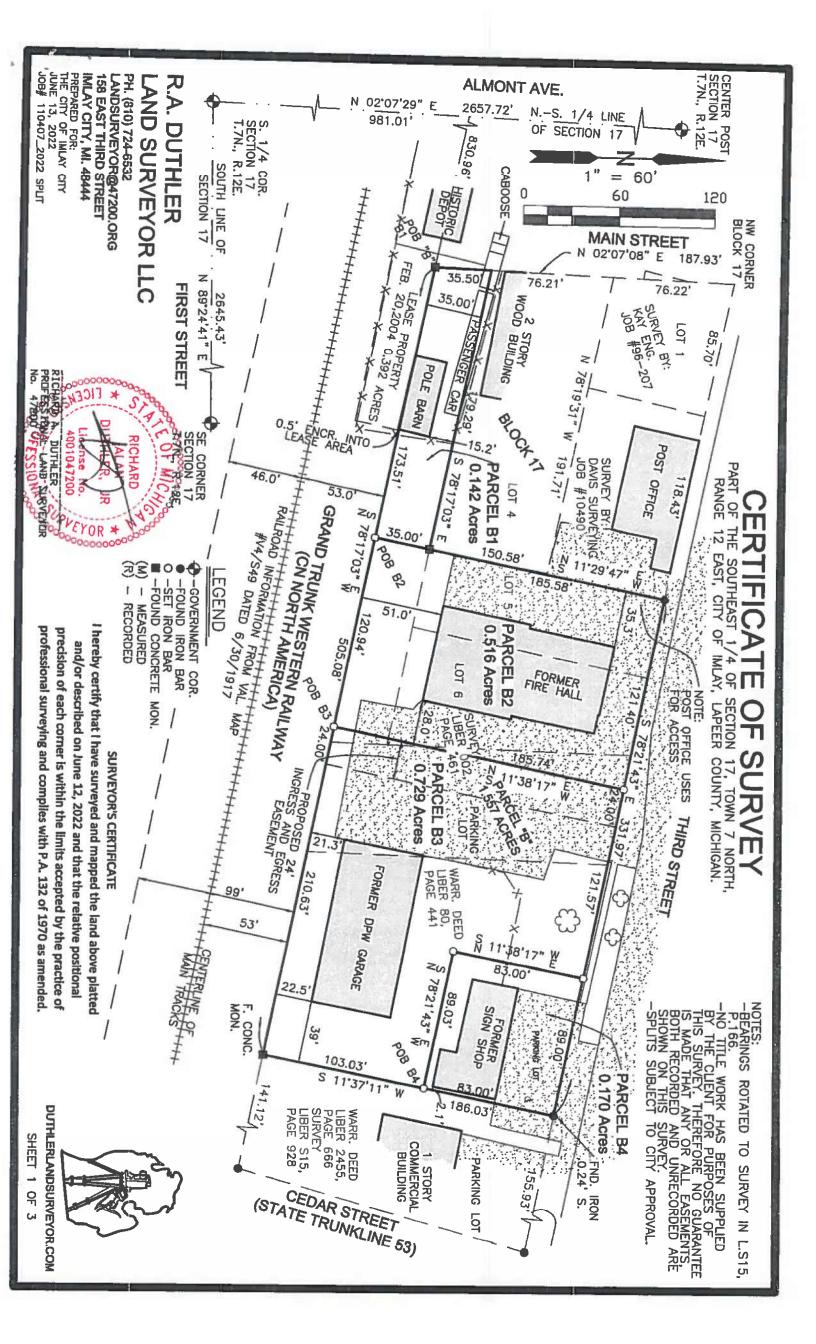
Table 3 Page 1 of 1



Appendix C

Property Records





CERTIFICATE OF SURVEY

LEGAL DESCRIPTION PARCEL "B" (Historical Society Annex property, Fire Hall, former DPW Garage, and former sign shop building)

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°21'43"E., 331.97 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., 186.03 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., 505.08 feet to the Point of Beginning and containing 1.557 acres. Subject to all easements of record.

LEGAL DESCRIPTION: (PARCEL B1) MUSEUM 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., 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, 5.78°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. MAPLE.

LANE OF ALMONT AVE.

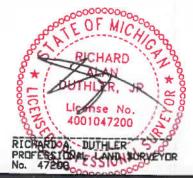
8.1' NNE. TO CENTERLINE OF A SANITARY MANHOLE
28.83' W. TO P.K. IN THE N. FC. OF A POWER POLE
73.93' NW. TO NAIL/TAG #35992 NE. FC. OF A POWER POLE
49.28' NE. TO P.K. IN THE NW. FC. OF A POWER POLE
46.04' SE. TO FORM NAIL/TAG NE. FC. OF A UTILITY POLE.

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

R.A. DITLICE

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





DUTHLERLANDSURVEYOR.COM SHEET 2 OF 3

CERTIFICATE OF SURVEY

LEGAL DESCRIPTION: (PARCEL B2) FORMER FIRE HALL 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., 1004.47 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 West line of Lot 5 of said Block 17 (if extended) to the Point of Beginning; thence along said West line, N.11°29′47″E., 185.58 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′43″E., 121.40 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., 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.

LEGAL DESCRIPTION: (PARCEL B3) FORMER DPW GARAGE 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., 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., 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.

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





DUTHLERLANDSURVEYOR.COM SHEET 3 OF 3

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

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

2022	0,000 %	0.0000 %
Principal Residence Exemption	June 1st	Final

Previous Year Information

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

Land Information

		Total Frontage: 0.00 ft		Average Depth: 0.00 ft
No lots found.				
Lot(s)		Frontage		Depth
Lot Dimensions/Comments	No Data to Display	Neighborhood Enterprise Zone	No	
ECF Neighborhood	00510.COMMERCIAL NEAR DOWNTOWN	Mortgage Code	No Data to Display	
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display	
Land Value	\$0	Land Improvements	\$0	
Zoning Code	B-3 GEN	Total Acres	0.170	

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





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? 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? YES If yes, explain.
	NO LES IT 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.



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 threatene	t				
releases? For example, do you know the past uses of the property? Do you know if specific chemicals that are preser	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 th	е				
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 indicator	\$				
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					
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™



EDR Historical Topo Map Report

05/17/23

Site Name: Client Name:

Former Imlay City DPW 400 East Third Street

400 East Third Street Imlay City, MI 48444 EDR Inquiry # 7339396.4 ECT

3399 Veterans Drive Traverse City, MI 49684 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

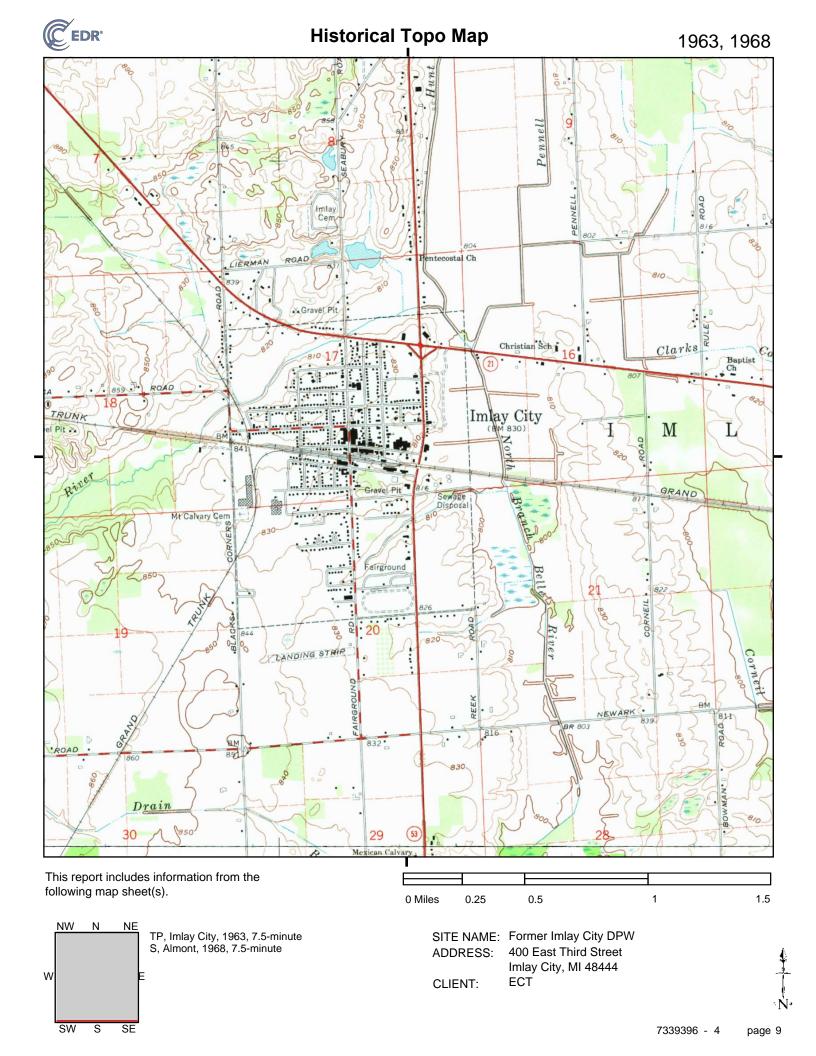


Almont 1968 7.5-minute, 24000 Aerial Photo Revised 1967

S

SE

S



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



EDR Aerial Photo Decade Package

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 # 7339396.8 Contact: Maura Gibbons



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
			
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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Former Imlay City DPW 400 East Third Street Imlay City, MI 48444

Inquiry Number: 7339396.3

May 17, 2023

Certified Sanborn® Map Report



Certified Sanborn® Map Report

05/17/23

Site Name: Client Name:

Former Imlay City DPW **ECT**

3399 Veterans Drive 400 East Third Street Imlay City, MI 48444 Traverse City, MI 49684 EDR Inquiry # 7339396.3 Contact: Maura Gibbons



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ECT were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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

Certified Sanborn Results:

Certification # 5CC3-4619-B9E2

PO# NA

220365 **Project**

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

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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



Volume 1, Sheet 3 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

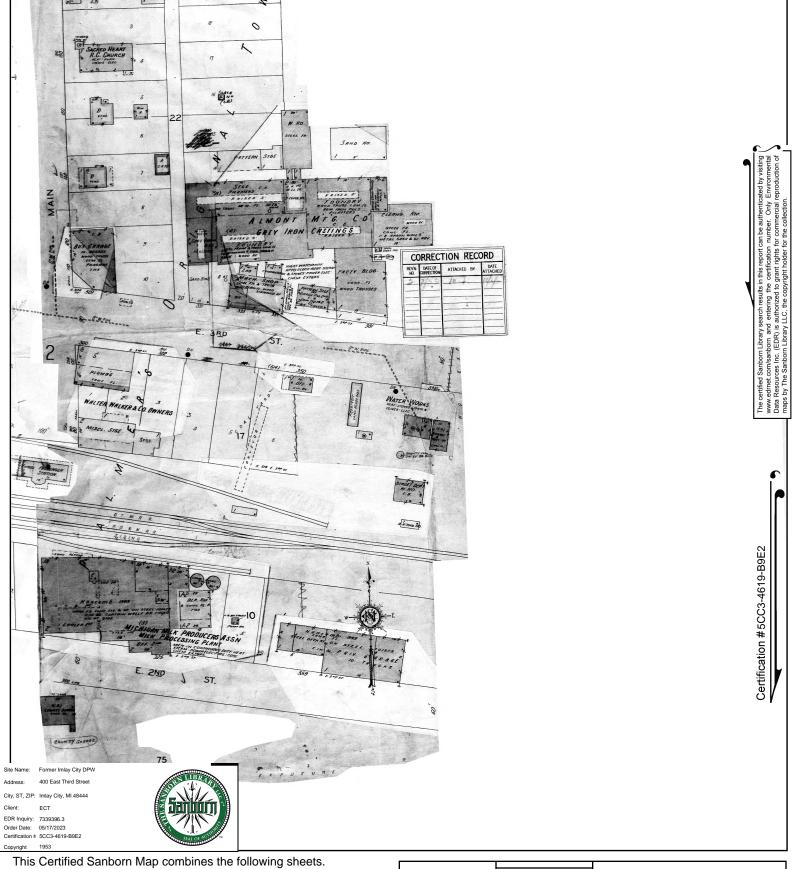


Volume 1, Sheet 2 1890



Volume 1, Sheet 2 1890

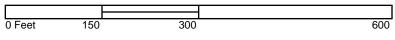




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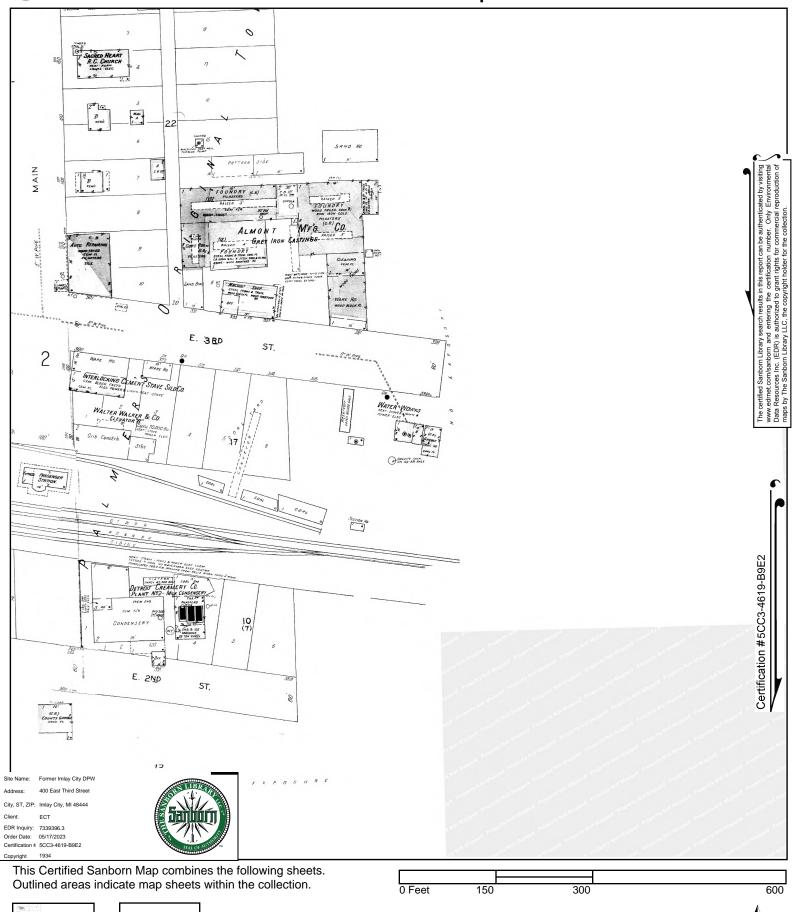










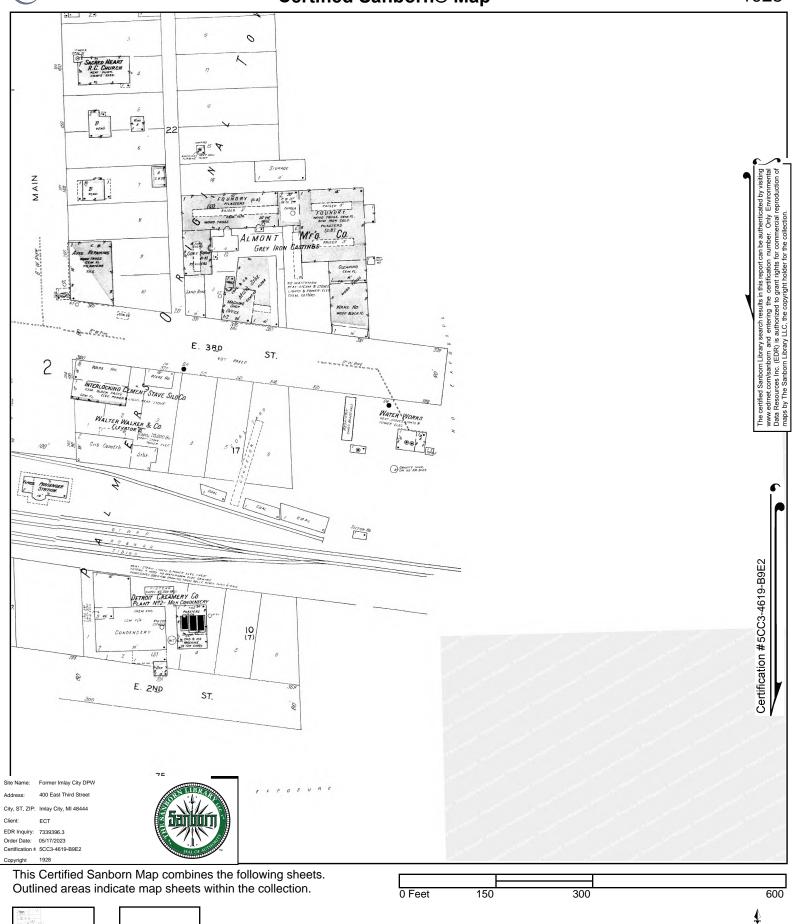






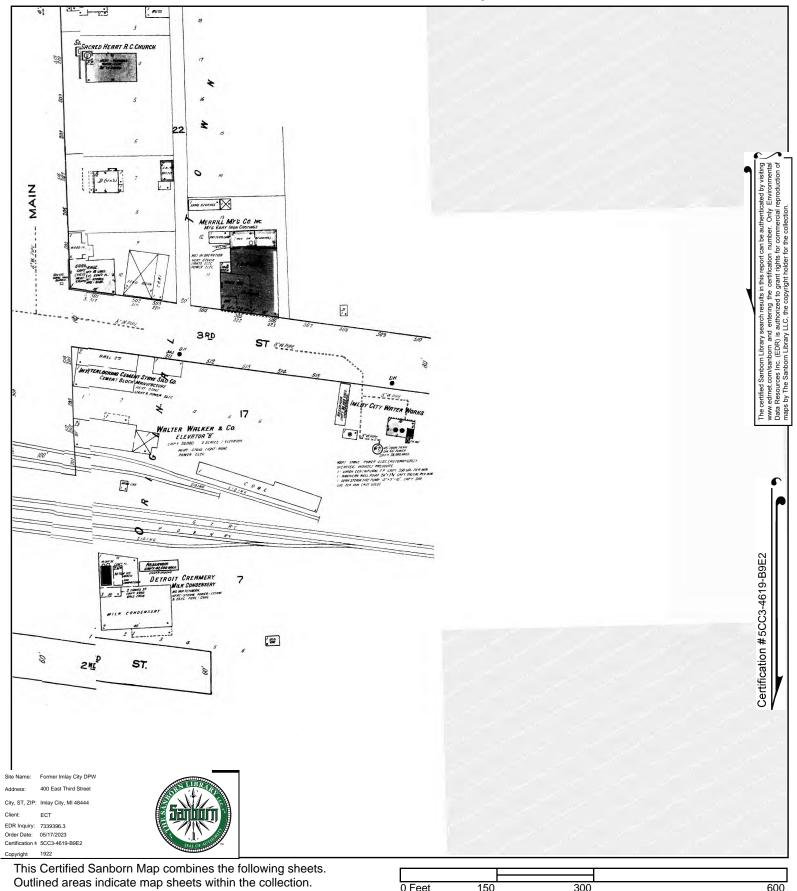
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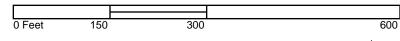
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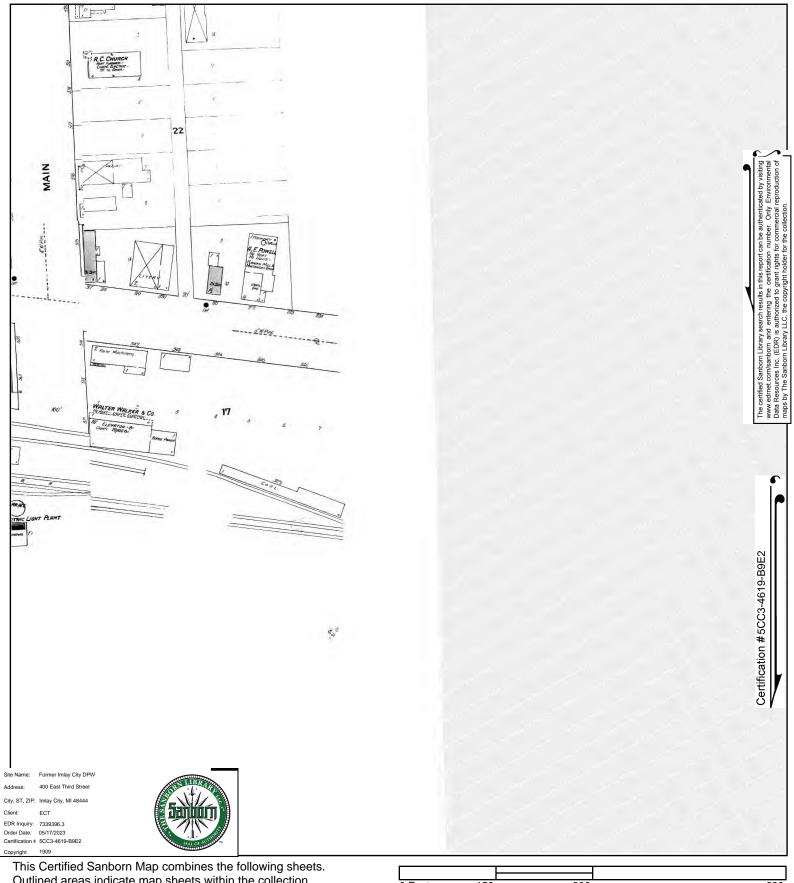






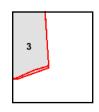




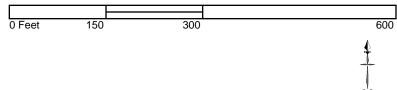


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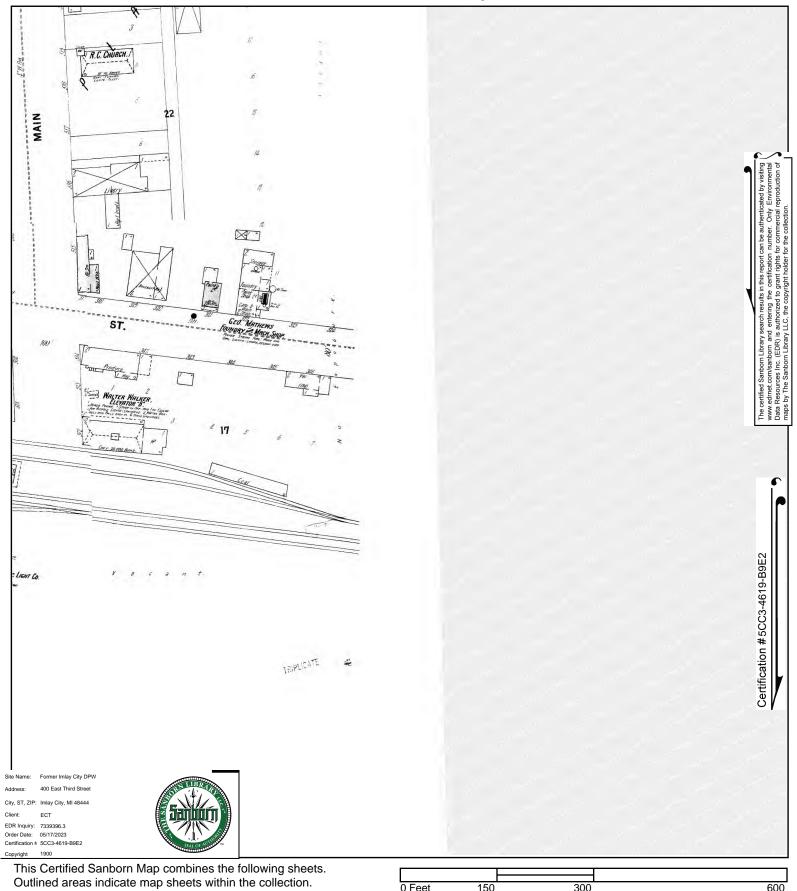




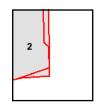
Volume 1, Sheet 3 Volume 1, Sheet 3



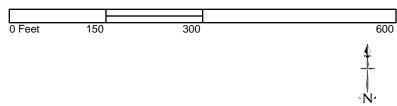








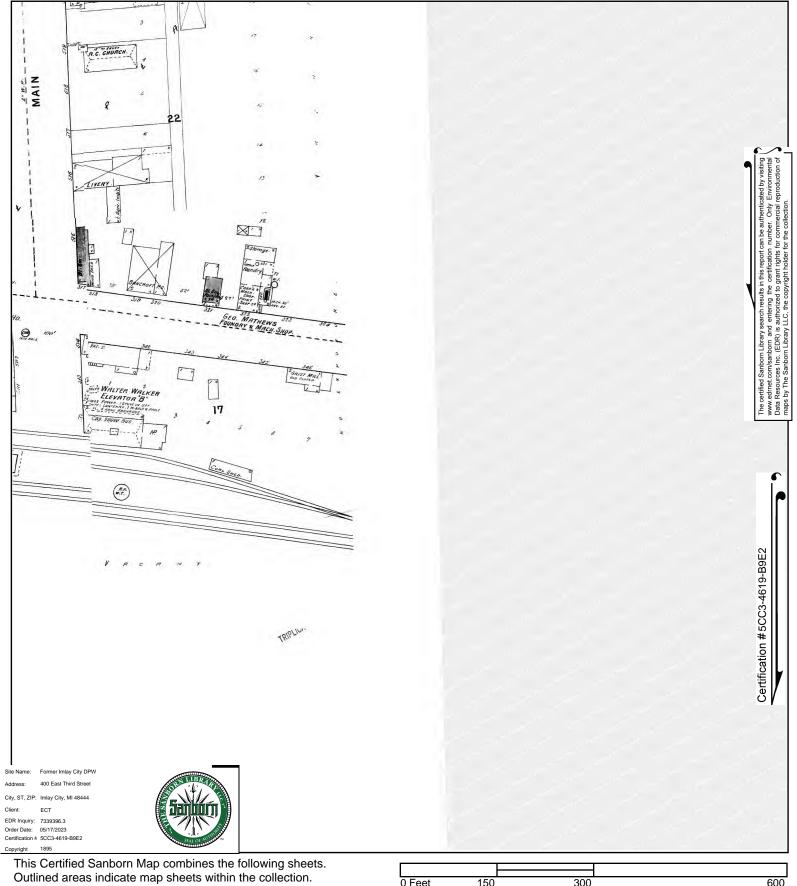
Volume 1, Sheet 2 Volume 1, Sheet 2



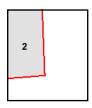
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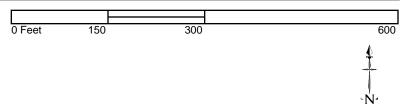




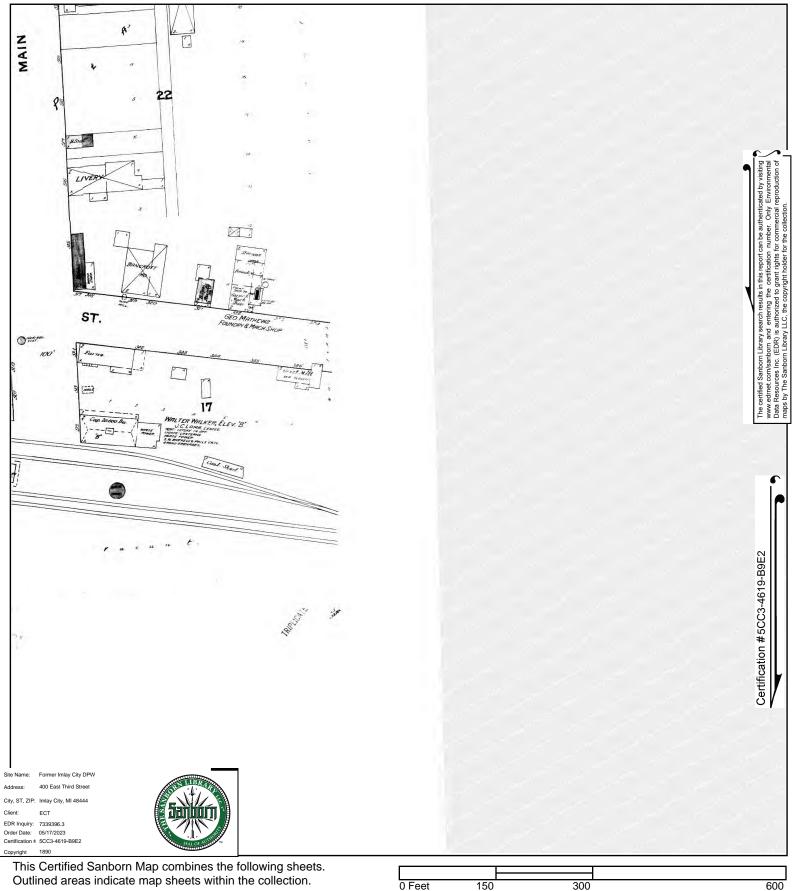




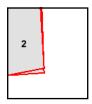
Volume 1, Sheet 2 Volume 1, Sheet 2



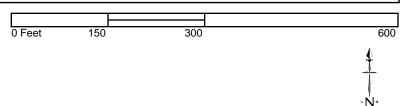








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Former Imlay City DPW

400 East Third Street Imlay City, MI 48444

Inquiry Number: 7339396.5

May 19, 2023

The EDR-City Directory Image Report



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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.

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2020		$\overline{\checkmark}$	EDR Digital Archive
2017	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
2014	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
2010	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
2005	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
2000	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
1995	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
1992	$\overline{\checkmark}$	$\overline{\checkmark}$	Cole Information
1987	$\overline{\checkmark}$	$\overline{\checkmark}$	Bresser's Cross-Index Directory Company
1982		$\overline{\checkmark}$	Bresser's Cross-Index Directory Company
1977		$\overline{\checkmark}$	Bresser's Cross-Index Directory Company
1974		$\overline{\checkmark}$	Bresser's Cross-Index Directory Company

FINDINGS

TARGET PROPERTY STREET

400 East Third Street Imlay City, MI 48444

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

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FINDINGS

CROSS STREETS

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

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Target Street Cross Street Source
- Source EDR Digital Archive

E 2ND ST 2020

	E ZND 31	2020
300 325 350	B & B STORAGE LLC EASY WINDSHIELD REPLACEMENT WITTOCK SUPPLY CO	
375 379	JER EQUIPMENT RENTALS ASPHALT & CONCRETE LLC	

Target Street Cross Street Source

→ EDR Digital Archive

E 3RD ST 2020

	L 3ND 31	2020
310 395	US POST OFFICE IMLAY CITY POLICE DEPT LAPEER COUNTY COMMISSION-AGING	
418	MC LAREN COMMUNITY MEDICAL CTR EVIE'S HAIR VILLA	
420	STYLES BY CONNIE CRICKET WIRELESS AUTH RETAILER	
	NEXT LEVEL TATTOO INC	

Target Street Cross Street Source
- Cole Information

E 2ND ST 2017

	L END OI	2011
300	B & B STORAGE LLC	
325	GYG USA INC	
350	WITTOCK KITCHEN & BATH	
375	ALL CITIES RESTORATION	
	JER EQUIPMENT RENTALS	
	UHAUL	
379	UHAUL	
0.0	0.11.102	

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - 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

140 350 375	LAPEER GRAIN EAST IMLAY CITY INC WITTOCK KITCHEN & BATH MIKES STARTER & ALTERNATOR SERVICE
3/5	WINES STARTER & ALTERNATOR SERVICE

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Cole Information

004	OFM & DIAMOND ODEOIN IOTO
201	GEM & DIAMOND SPECIALISTS
202	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
555	NARAYAN MED TECH LLC SHRIJI PHYSICAL
395	COMMISSION ON AGING
393	IMLAY CITY
	LAPEER COUNTY EMS
440	LAPEER COUNTY GOVERNMENT
418	EVIES HAIR VILLA
	STYLES BY CONNIE

Target Street Cross Street Source
- Cole Information

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

Target Street Cross Street Source

✓ - Cole Information

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

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

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Cole Information

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 ZND ST Z	:000
140 350 375	LAPEER GRAIN EAST IMLAY CITY INCORPOR NU WAY SUPPLY COMPANY INCORPORATE MIKES STARTER & ALTERNATOR SERVICE TONYS ELECTRIC SUPPLY COMPANY	

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Cole Information

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
210	NICHOLS HENRY D DDS
218	STITCH GROUP THE
219	IMLAY CITY FLOWER SHOP
220	BRYANT, A
220	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
000	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
Jaj	EBERT GALEN R DO
	HANEY MERLE B MD
	HARRINGTON DONALD P DO

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>
✓ - Cole Information

E 3RD ST 2000 (Cont'd)

IMLAY CITY HEALTH CENTER 395 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 ZND 31	1995
140	LAPEER CO CO OP INC	
140		
	LAPEER CO CO-OP	
	LAPEER COUNTY CO OP INC	
175	GINGELL, STUART A JR	
350	NU WAY SUPPLY CO	
375	TONYS ELECTRIC SUPPLY CO	

<u>Target Street</u> <u>Cross Street</u>

<u>Source</u>

Cole Information

		DEALITIELL DECIMANACO DEIDAL
	200	BEAUTIFUL BEGINNINGS BRIDAL
		BEAUTIFUL BGNNGS
	204	VICTORIAN MANOR BANQUET
•	201	JOHNSON, JEFF
		NORMAN, DAN
	200	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
	204	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
7	227	DIVINE OBSESSONS
		JOES RECORD&TAPE SH WILLIAMS, DANNY
	229	CLASSIC CUTZ & NAILZ
•	229	PATS BEAUTY SHOP
	230	NORTHEAST SURVEY & ASSOC INC
•	200	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	<u>Source</u>
✓	-	Cole Information

(Cont'd) E 3RD ST 1995

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

	-	ZNU 31	1992	
140	LAPEER CNTY CO-OP			
140				
	LAPEER CO CO OP INC			
230	BABCOCK, ALLEN T			
350	NU WAY SUPPLY CO			
	NU-WAY SUPPLY CO			
375	MADISON STARTER			
373				
	TONYS ELECTRC SPLY			

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - Cole Information

200	BEAUTIFUL BEGINNGS	
200	BEAUTIFUL BEGINNES BEAUTIFUL BEGINNES	
	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	
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220	ANDREAS BTY SLN	
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221	WHITSELL, RICK J	
223	KARENS KRAFT KORNER	
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225	KUSTOM PAINTERS	
227	JOES RECORD&TAP SH	
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229	PATS BEAUTY SHOP	
230	SMITH GLENN L MD	
234	RAYS TAVERN	
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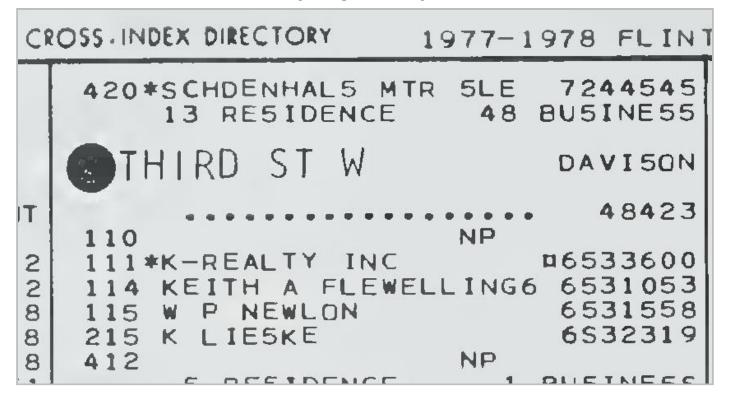
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Bresser's Cross-Index Directory



Target Street

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Bresser's Cross-Index Directory

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*WESTERN AUTO ASSOCH7247485

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105*WELTDNS STYLE SHP 7244765
106*FASHION LANE 7241010
109*HALLS MARKET MEAT 724591S
110*DDUGS SHELL SERVIC 7248920
112 MARK ANKLEY #7248667
*COSCARELLIS PTY SP 7245865
113*THE PINCUSHIDN -724706S
118*L C CRADALL&ASSOCT 7242975
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122*ANNS BEAUTY SALDN -7248340
B V STEINBERG 7247822
I26*CHICKS BARBER SHOP 7248010
I30*MACDONALD JEWELRY 7242833
  131*DEANS PHARMACY 7247945
134*IMLAY CITY BAKERY 7244345
137*BAIROS TRUE VALUE 7244685
138*LARRY LICHTENFELT 7247095
  *MUIR INSRNCE AGNCY 7247095
144*CDLES CLEANERS 7246795
145*THAYERS STORE 7248311
 145* IMAYERS STORE 7248311
147 EMMA SMITH 3 7248990
149*RILEYS MENS WEAR 7244015
I50*OLIVER CRDT CORP 7243225
*OLIVER CROT CORP 7241040
151*WM DALE WILCDX INS 72459SS
156*ARISTD-CRAFTS H7245000
158*CRAMERS EDNING 150
  208*AQUARIUM
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234 RAYS TAVERN 7247765
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237*ELSLOWS FLOWERS #7241821
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243 HOWARD CHURCHILL 7243025
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*IMLAY CITY POLICE H724234S
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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



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

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

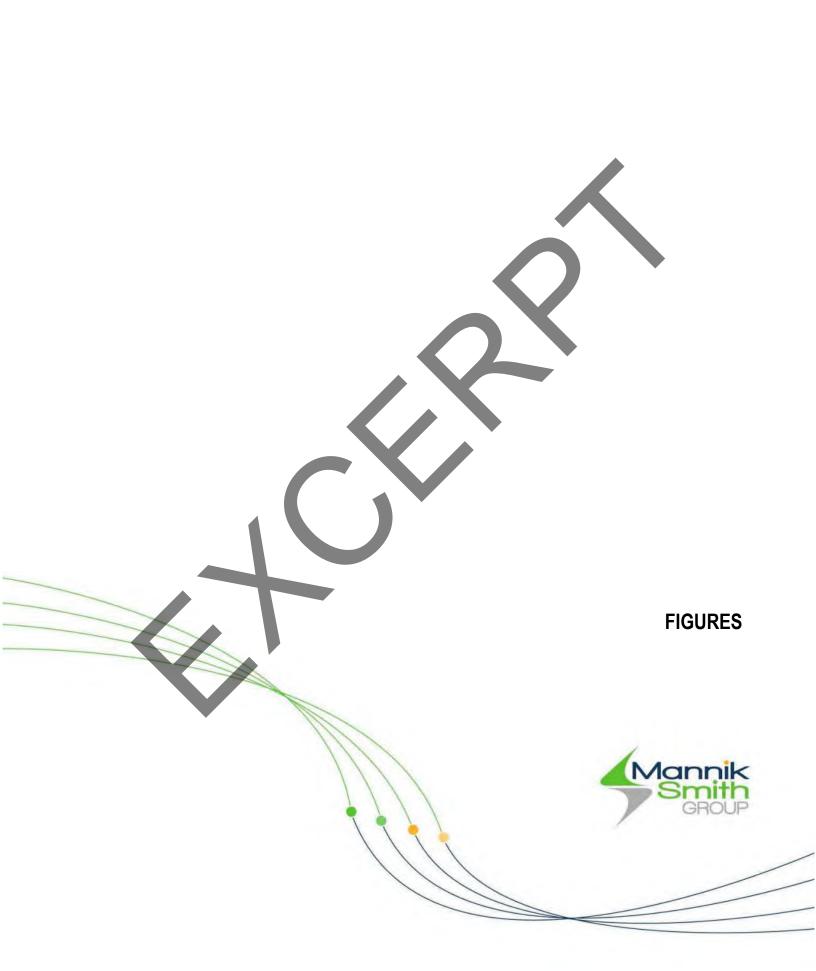
MSG collected 10 vadose soil samples, five (5) saturated soil samples, and five (5) groundwater samples for laboratory analysis. In addition, one duplicate soil and one duplicate groundwater sample were collected for quality assurance/quality control (QA/QC) purposes. Soil samples for volatile organic 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.

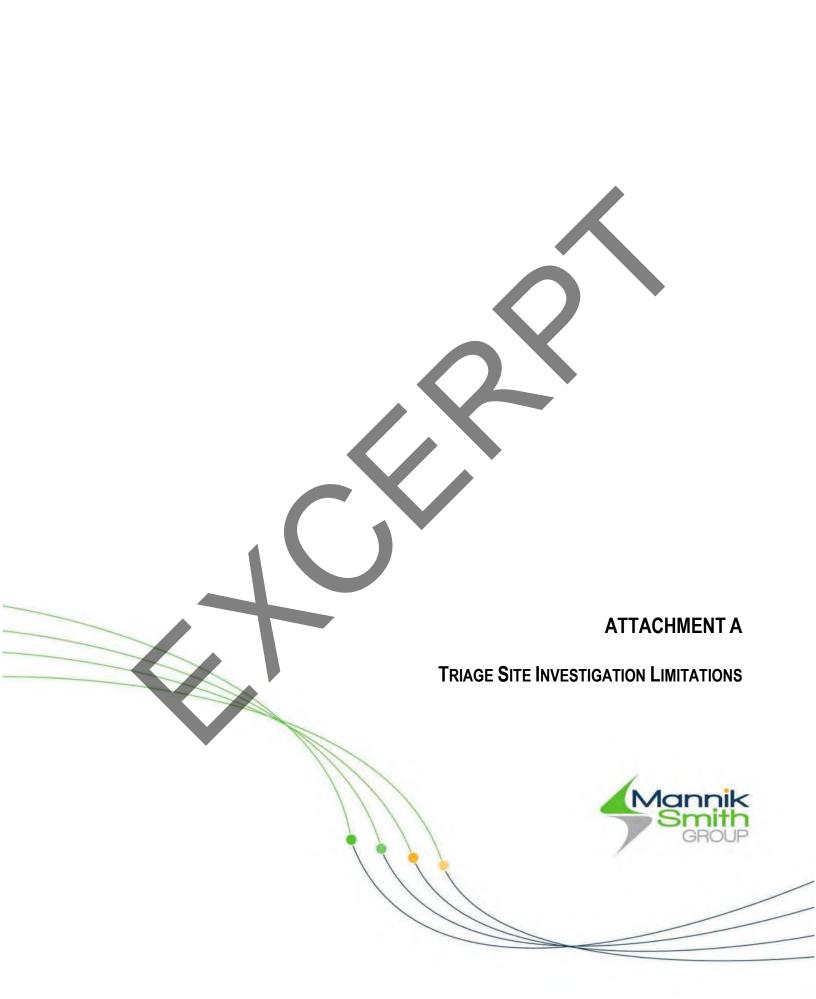
Sincerely,

Daniel M. Capone Project Manager Walter J. Bolt, CPG Program Manage

aniel M. Capone



Date Saved: 6/17/2015 10:46:30 AM



TRIAGE SITE INVESTIGATION LIMITATIONS

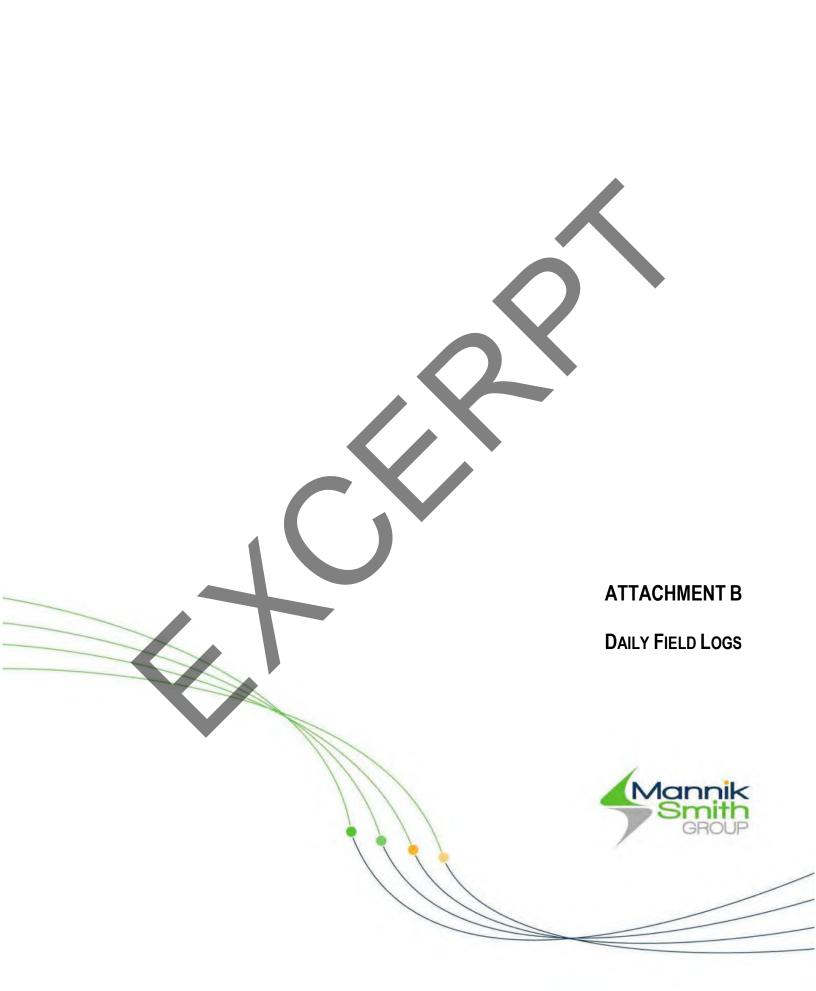
This Limited Site Investigation Report and related documentation are site-specific, which means they pertain to the environmental conditions of the site only. This investigation is bound by authorized project scope of work under this contract.

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.





TRIAGE GEOPHYSICAL SURVEY FIELD REPORT

Client: Michigan Department of Environmental Quality (MDEQ/MDTMB) Project: Imlay city DPW, 400 East 3rd Street							MSG Personnel: MSG Job No.:	DTMB0256	
Client Per	6-1-15 A Personnel: sonnel: rs On-Site: 2.25 h		Monda		Temperature: Cloud Cover: Precipitation:	55°F - overcast- None -	a.m. °F a.m. a.m.	p.m. p.m. p.m.	
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B C	T								
	y Instructions	ations / Co	ntooto						
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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

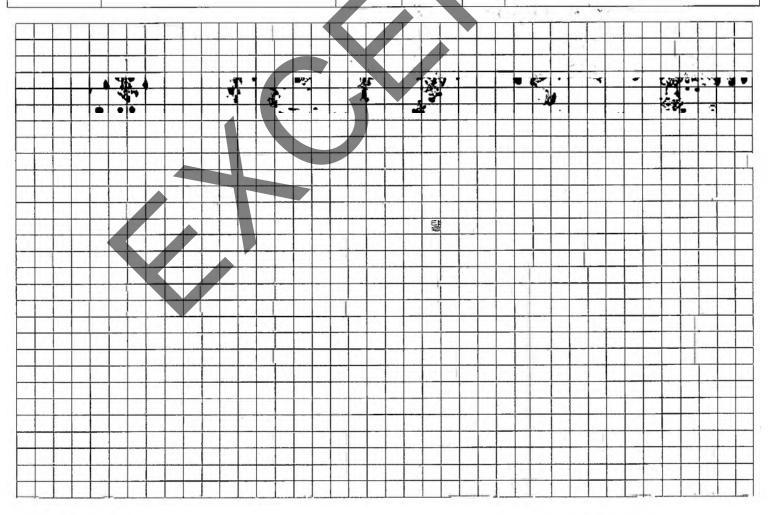
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DAILY FIELD REPORT

Project: Imlay City DAW			Date: Report No.: Day:	7/14/15 Tuesday		
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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	37.7	Each	47.57
5i	H.S.A Borings (0-20' bgs)		An	Feet	
20 5ii	H.S.A. Borings (20-40' bgs)			Feet	
5iii	H.S.A. Borings (40-50' bgs)	of the second		Feet	
5a	H.S.A. Soil Samples	, N/A		Each	
5b	H.S.A. Water Samples	N/A		Each	2.00
6	Saturated Soil Sample		5	Each	4.3



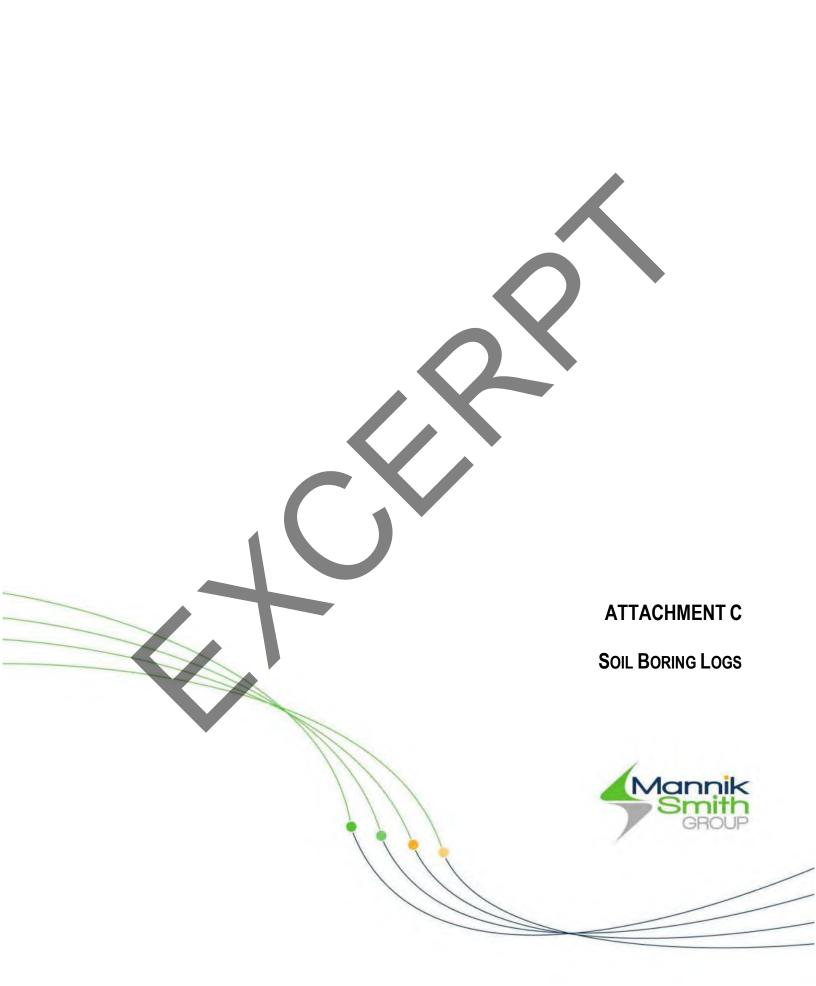


DAILY FIELD REPORT

Client: MDTMB Project: Imlay City DPW		Date: Report No.: Day:	7/15/15 2 7/15/15 128 webnesty
Project No: STMB 0256		-	
MSG Personnel: ACW/ MC	Project Manager:		
MSG Hours On-Site:	Temp: Weather: Precip:	(AI	M) Sun (PM) Sun
Work Performed or in Progress/Comments/C	Other Observations:		
- (01/2 - (01/2 Sclov	d SB-09 35B-10 to 25 Icted 2 vadose Scil Saupls Icted GW Samples w/ tempurer + burings. - Collected 5 UW So eled OFF SB locations duned half w/ cuttings bear	replos C+Dupe	
Contractor: MSG	CONTRACTORS INFORMATION Personnel & Type:	and the second of the second o	nt Type & Hours:
Subcontractor:	Personnel & Type:	Equipme	ent Type & Hours:

					A Proposition of the Control of the
Item #	Description	Borings	City.	Unit	Remarks/Description
4i	Geoprobe Borings (0-20' bgs)	2	50	Feet	
4ii	Geoprobe Borings (20-40' bgs)	1000		Feet	
4iii	Geoprobe Borings (40-50' bgs)			Feet	
4a	Geoprobe Soil Samples	N/A	2	Each	7 1 172
4b	Geoprobe Water Samples	N/A		Each	G - 1, 1
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)	1	1	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	Sarylis.	5,51





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

Well	Annulus			I			T
Const.	seal	Lithology	Lithologic Description	Depth	Sa	ımple	Field Results
		Littlology	Litilologic Description	bgl	Sa	imple	PID and
				29.	Туре	ID	visual/olfactory
		esercicios esercicios	Ground Surface – GRAVEL, grey,	0			
			Sandy, dry	0.5			
	+		SAND, brown, fine grained, moist,	0.5			
	sc		OAND, brown, line grained, moist,	1			0.0 ppm @ 1'
				2			0.0 ppm @ 2'
				3			0.0 ppm @ 3'
				4			0.0 ppm @ 4'
			Becomes wet with petroleum-like				0.0 ppm @ 5'
			odor at 5ft bgl	<u>▼</u> 5			3.1 ppm @ 6'
	+		CLAY, grey, Sandy, moist,	6			о. г рриг @ о
			petroleum-like odor from 6-15ft	7			65 ppm @ 7'
			bgl	8			303 ppm @ 8'
			bgi	9			927 ppm @ 9'
				10			1,317 ppm @ 10'
				11	Soil	SB-01	1,501 ppm @ 11'
				12	0 "	(11')S	516 ppm @ 12'
				13	Soil	DUP-1S	82 ppm @ 13'
		=======================================		14			23 ppm @ 14'
		== :		15			4.6 ppm @ 15'
				16			50.4 ppm @ 16'
				17			61.3 ppm @ 17'
				18			5.9 ppm @ 18'
				19			51.2 ppm @ 19'
			SILT, grey, wet	<u>▼</u> 19			The proof of
			, 5 - 5,	20			126 ppm @ 20'
				21			16.1 ppm @ 21'
				22			2.6 ppm @ 22'
			CLAY, grey, Sandy, wet	22			
			. 3 3,	23			3.9 ppm @ 23'
				24			10.6 ppm @ 24'
				25			9.2 ppm @ 25'
			TD in CLAY at 25ft				
		<u> </u>		l	l .		

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

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sa	imple 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 <u>▼</u> 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

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sa	ample 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 <u>▼</u> 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				

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

Well	Annulus			ı			Γ
Const.	seal	Lithology	Lithologic Description	Depth bgl		mple	Field Results PID and
					Туре	ID	visual/olfactory
			Ground Surface - GRAVEL, grey,	0			•
			Sandy, dry	0.5			
			CLAY, brown, Sandy, dry	0.5			
				1			0.0 ppm @ 1'
	SC			2			0.0 ppm @ 2'
				3			0.0 ppm @ 3'
		===		4			0.0 ppm @ 4'
				5			0.0 ppm @ 5'
				6			0.0 ppm @ 6'
				7			0.0 ppm @ 7'
				8			0.0 ppm @ 8'
				9			0.0 ppm @ 9'
				10			0.0 ppm @ 10'
				11			27.2 ppm @ 11'
		===		12			65.1 ppm @ 12'
		=		13			109 ppm @ 13'
	_	4		14			1,136 ppm @ 14'
			SAND, brown, fine grained, moist,	14			
			petroleum-like odor	15	Soil	SB-04	1,357 ppm @ 15'
	_			15.3	0011	(15')S	
			CLAY, grey, Sandy, moist,	15.3			
			petroleum-like odor	16			109.1 ppm @ 16'
				17			106.2 ppm @ 17'
			SAND, brown, moist, petroleum-	17			
		A	like odor	18			71.4 ppm @ 18'
			Becomes wet at 19ft bgl	<u>▼</u> 19	SAT	SB-04	38.1 ppm @ 19'
				20	Soil	(19')SAT	102 ppm @ 20'
		V AHH		21			8.6 ppm @ 21'
				22			1.3 ppm @ 22'
				23			6.8 ppm @ 23'
				24			7.2 ppm @ 24'
				25			9.1 ppm @ 25'
			TD in SAND at 25ft				

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

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl		mple	Field Results PID and
					Туре	ID	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			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'
•			SAND, brown, fine grained, dry Becomes grey at 16.9ft bgl with petroleum-like odor Becomes wet at 19ft bgl	12 12 13 14 15 16 17 18 <u>▼</u> 19 20 21 22 23 24 25	Soil	SB-05 (18')S SB-05 (19'- 24')W	22.1 ppm @ 12' 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				
	1	1					

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl		imple	Field Results PID and
					Туре	ID	visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			·
			CLAY, brown, Sandy, dry	0.5			
	SC			1 2 3 4 5 6			0.0 ppm @ 1' 0.0 ppm @ 2' 0.0 ppm @ 3' 0.0 ppm @ 4' 0.0 ppm @ 5' 0.0 ppm @ 6'
				7 7.5			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 <u>▼</u> 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				ос.о ррии се 20

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sa	imple ID	Field Results PID and visual/olfactory
	SC		Ground Surface – GRAVEL, grey, Sandy, dry CLAY, brown, Sandy, dry	0 0.5 0.5 1 2			0.0 ppm @ 1' 0.0 ppm @ 2'
				3 4 5 6 7 7.8			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			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' 501 ppm @ 17'
•			Becomes grey with petroleum-like odor at 17.3ft bgl Becomes wet at 19ft bgl	17 18 <u>▼</u> 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				

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

1	Site Imlay City DPV	V	BORING/WELL:	SB-08	
Mannik	Address 400 Eas	st 3 rd Street, Imlay City, Michigan			
Smith	County: Lapeer		Date:	7/14/15	
GROUP	Township:		Driller:	MCW	
TECHNICAL SKILL.	Town: 8N Rang	ge: 11E Sec. #:	Logged by	ACN	
CREATIVE SPIRIT.	Tang	96	Drill Method:	Geoprobe – Direct Push	
	Location 24' SE of SI corner	B-07, 30' E of DPW building's SE	Total Depth:	25 ft bgl	
			4		

							,
Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sa	imple 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'
			Becomes grey with petroleum-like odor at 17.3ft bgl Becomes wet at 19ft bgl	6.1 7 8 9 10 11 12 13 14 15 16 17 18 <u>▼</u> 19 20 21 22 23 24 25	Soil Water	SB-08 (18')S SB-08 (19'- 24')W	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' 13.1 ppm @ 16' 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				

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth bgl	Sa	mple	Field Results PID and visual/olfactory
		ere ere ere er	Ground Surface – GRAVEL, grey,	0		`	
			Sandy, dry	0.5			
			SAND, brown, fine grained, dry	0.5 1 1.2			0.0 ppm @ 1'
			CLAY, brown, Sandy, dry	1.2			0.0 ppm @ 2'
	sc			3			0.0 ppm @ 3'
				4			0.0 ppm @ 4'
				5			0.0 ppm @ 5' 0.0 ppm @ 6'
				6 7			0.0 ppm @ 7'
				8			0.0 ppm @ 8'
				9 10			0.0 ppm @ 9' 0.0 ppm @ 10'
				11			0.0 ppm @ 11'
				12			0.0 ppm @ 12'
				13			0.0 ppm @ 13'
				14 15			0.0 ppm @ 14' 0.0 ppm @ 15'
				16	Soil	SB-09	15.9 ppm @ 16'
				17		(17')S	16.1 ppm @ 17'
			SAND, brown, fine grained, dry	17			7.0
			Becomes wet at 19ft bgl	18 <u>▼</u> 19			7.3 ppm @ 18' 103 ppm @ 19'
			Becomes wet at 191t bgi	20			1.9 ppm @ 20'
				21			1.7 ppm @ 21'
		Ψ_A		22			1.1 ppm @ 22'
				23 24			0.9 ppm @ 23' 12.6 ppm @ 24'
				25			1.3 ppm @ 25'
			TD in SAND at 25ft				

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

Well Const.	Annulus seal	Lithology	Lithologic Description	Depth	Sa	mple	Field Results
		3,	5	bgl	Туре	ID	PID and visual/olfactory
			Ground Surface – GRAVEL, grey, Sandy, dry	0 0.5			*
			CLAY, brown, Sandy, dry	0.5 1			0.0 ppm @ 1'
	SC			2 3			0.0 ppm @ 2' 0.0 ppm @ 3'
				5			0.0 ppm @ 4' 0.0 ppm @ 5'
				6 7			0.0 ppm @ 6' 0.0 ppm @ 7'
				8 9			0.0 ppm @ 8' 0.0 ppm @ 9'
				10 11			0.0 ppm @ 10' 1.6 ppm @ 11'
				12 13			2.9 ppm @ 12' 15.6 ppm @ 13'
		=		14 15			16.1 ppm @ 14' 5.9 ppm @ 15'
				16 17			99.9 ppm @ 16' 49.1 ppm @ 17'
			SAND, brown, fine grained, dry	17 18	Soil	SB-10	105 ppm @ 18'
			Becomes wet at 19ft bgl	<u>▼</u> 19 20		(18')S	50.9 ppm @ 19' 67.3 ppm @ 20'
•				21 22			49.1 ppm @ 21' 40.2 ppm @ 22'
				23 24			16.4 ppm @ 23' 17.1 ppm @ 24'
		Y.41111	TD: OAND + OFG	25			20.6 ppm @ 25'
			TD in SAND at 25ft				

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:

		SC			
Sand, grey	Sand, brown	Soil collapse	Gravel	Sand, black	
		В			
Silt, grey	Silt, brown	Bentonite	Base Aggregate		
		С	2		
Clay, grey	Clay, brown	Cement	Concrete	Clay, black	
Bedrock,	Bedrock,	Asphalt, peat,	Topsoil		
limestone	sandstone	shale	ropson		





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.





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL LABORATORY

Goldenrod

LAB ORDER #	507190		ANALYSIS	REQUEST SH				of
SITE CODE NUMBER	SITE NA	ME		· "	<i>N</i>	IATRIX=SEDIM		
01099999	SWET -		mlay	7 . h x0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	HT CODES?
DIVISION	DISTRICT/OFFICE		CT MANAGER	City DP				ch parameters
RRD	Gaylord Office	Randy	Rothe		E-MAIL ADDRES	S	PHONE	7050440
	•			santa da	rother@michigan.go	v	989	7053416 .
PRIMARY CONTACT	PERSON CONTRAC	T FIRM NAME (if	applicable)	PHONE	AY: 13 IN	DEX: 44213	PCA: 3082	22
Erin		Mannik and Smith G	топр	734-397-3100	PROJECT: 5		00	
IST CHOICE: A	OVERFLOW 1 2ND CHOI	AB (Required)	۸	•		S TO SEND ADDITION		
COLLEC:	5 Process	10+	Amer		1.) lebre	gueconi	chigan s	30v
COMBC.			PHONE:	734-397-3100	2) decom	quedoni	anithere	un.s
	*	*** SAFETY I	NFORMAT	ION REOUI	RED ****			The Car
		SE	EE BACK C	F FORM -				• .
LAB USE ONLY	FIELD ID (Sample I	dentification)	DATE	E COLLECTED		ORDINATES		
			MM/DD/YY	MILITARY	LATITUDE	LONGITUDE	COY	MENT
1 AC (\$\)	SB-01(11)5		17/4/15	0900	K J	A CONTRACTOR OF THE PROPERTY O	Dr.S.	C 3
	DUP-15		15/11/2	-		 	1=021	·
2 AC Od			7/14/15	0905	;		してもこう	1500
3 AC 03	Trip Blank		7/6/15			1 1 1 1 1 1 1 1		
4 AC 04	SB-02(18')s		7/14/15	1015			PID=	1621
5 AC (15	58-02(20')5	AT	7/14/5	1020			-	
6 AC 06	SB-03(16)5	·	7/14/10	1045			PIDE	
		SAT					2500	
7 AC (5)	 		7/19/13	1100	<u> </u>	tere type a	PEDE	200
8 AC 🚫		<u> </u>	7/14/15	1145			P FD=	1300
9 AC 09		¥T	7/14/15	1200		The state of the s	PPD=	38
10 AC / O	SB-05(18)5		7/14/15	1300	121	to the depote of pit	PFD=	21600
ODCA	NIC.							
ORGA OA VOLATILES *		ORGA	NIC SPECIAL	DEATECTO		INORGAN		
VOC - Full List	1 2 3 4 5 6 7 8 9 10	Library Search - Y	Volatiles .	12345678	9 11 (ien metals A1, B1, C4, C1, C1, P5, 1	1234. He Sc Ag Zo)	5 6 7 8 9 10
BTEX/MTBE/TMB only Chlorinated only	1 2 3 4 5 6 7 8 9 10	Library Search - S FingerPrint		12345678	9 10			
GRO 1,4 Dioxane	1 2 3 4 5 6 7 8 9 10	DRO/ORO (80) 5)	12345678	9 11 (Sb,As)	MO 2 Metals BuBaCd,Ct,Co,CuFa,I	1 2 3 4 : Pb.Mn.He.Mo.Ni	567891(iSa.Ag.TIVZn
•	1 2 3 4 5 6 7 8 9 10 PCBS (8081/8082)	Low Level PNA	\	12345678	A 10	Requested Metal and Co.		
Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10	GEN	ERAL CHE	MISTRY		As Ba Be Cd Cr		pte No.1 567891(
Pesticides only Specialty Pesticides	1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10	GS COD	•	12345678	Co Cu	Fo Pb Li Mn Hg		
Toxaphene PCBs only	12345678910	TOC		12345678	9 li V Zn	So Ag St Ti Ti		
•	1 2 3 4 5 6 7 8 9 10 AL & ACIDS (8270)	KJEL N, Tot. P Total CN		l 2 3 4 5 6 7 8 ! l 2 3 4 5 6 7 8 !		K Na	12345	5 6 7 8 9 10
BNAs PNAs only	1 2 3 4 5 6 7 8 9 10	Available Cyanid		2345678		evel Mercury	12345	5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10				% Tota	l Solids .		5 6 7 8 9 10
		Other	1	23456789				, 0 , 8 , 10
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Signature	1/1	and the state of t	s	ignature			1.713	1760
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Signature Print Name & Organization Signature	MDB tridge	and the same of th		rganization Z	Mily Figh	er MSG	7/11	L,,_
ig Difference	-		s	ignature	212	/	116/15	1700
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Organization Signature	my typer	<u> </u>		rganization /	2671770	~. 1	~1 .	
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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

Goldenrod

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	15	07190		MIMELOIS	KEQUEST SHE		ATRIX=SEDIMI	PAPT/POOTE	COX TOO
•	CODE NUMBER	SITE NAM	K				ATAIA-SEDIND		T CODES?
010999	99	SWET-	Tml	au Ci-	M DPW			YE	S/NO
DIVISI	ION	DISTRICT/OFFICE		TMANAGER				If yes, which	h parameters?
RRD		Gaylord Office	Randy	Rothe	~	E-MAIL ADDRESS	3	PHONE	
	. •	0-ja om.c	Kanuy	Roule	4.4	rother@michigan.gov	•	989	7053416 .
PRIMA	RY CONTACT PE	RSON CONTRACT	FIRM NAME (if :	ipplicable)	PHONE	AY: 13 IN	DEX: 44213		
	Erin Hal	_	fannik and Smith G		734-397-3100	PROJECT: 5		PCA: 3082	:2
	A	OVERFLOW LA			101 377-3100		TO SEND ADDITIONA		<u>, </u>
IST CH	ioice: AC	2ND CHOICE		Amor:	Ca	4			
COLLE		<u></u>	140	PHONE:	734-397-3100	_1.) lebrec	gued om	ichisa	1.26V
				THOMB.	124-351-3100	2) deapor	e emanini	andha	(À44 =
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т.	B USE ONLY	THE P YOUR LAND		SAMPL	E COLLECTED	GPS COO	RDINATES	Ţ	
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	1 1	CD 0//101/C		1/			ļ		
1	AC [SB-06(18)S		7/14/15	1320		1	PID	<i>=296</i>
2	AC 12	SB-06 (19')S	AT	7/14/15	1330		14 4 A. A. A. A.		
-	AC (A		r, ,	11111	· ·	1	ļ	bID:	-050
3	AC 15	SB-07(18)S		7/14/15	1415		**,*.	PID=	700
4	AC 14.	5B-07(19)SA	T	7/14/15	1420			PRD	-12-
5		SB-08(18')S		12/14/10	11-11				
	AC 13			7///13	1219			PID =	
6	AC	58-09(17)5		+ 119/15	0900			DED:	16
7	AC \	SB-10(18')5		7/5/15	0930			PTD	=105
8	AC	***************************************							
9		.:			· ·		Terre de versiones		
, ,	AC					ļ			
10	AC					<u> </u>	e e se se	***	
	ORGANI								
YOA	VOLATILES *(M		ORGA	ALC SIDECULE IN	Mormona		INORGANI	.C	
VOC - F	ull List	00000000000000000000000000000000000000	Library Search - V	VIC SPECIAL R	23456789		en metals 4 B1, C4, C1, C1, P4, H	12345	5 6 7 8 9 10
	GEBE/TMB only	1 2 3 4 5 6 7 8 9 10	Library Search - Se		23456789		, <i>1</i> 15, 04, 04, 04, 16, 15	g, 25, Ag 20)	
GRO		1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10	FingerPrint DRO/ORO (8015)		23456789	or Mora	10 2 Metals	12345	6 7 8 9 10
1,4 Diox	Cano.	1 2 3 4 5 6 7 8 9 10	Low Level PNA	_	23456789		℄₿℄ℂ℄ℂℷℂℴℂℷℙ℄ℙ	h,Ma,Hg,Ma,Ni	Sc,Ag_Tl,V,Zn)
)\$. 	PESTICIDES/PCF & PCB;					[Circle F	lequested Metal and Corr	esponding Samp	le Na.j
Pesticides		1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10	GEN.	ERAL CHEM	USTRY		As Ba Be Cd Cr	12345	678910
Specialty	y Pesticides	1 2 3 4 5 6 7 8 9 10	COD	. 1	234567891		Fe Pb Li Mn Hg So Ag Sr Ti Ti		
Toxaphe PCBs only		1 2 3 4 5 6 7 8 9 10	TOC	1	2 3 4 5 6 7 8 9 1	V Zn	-		
NA.	BASE NEUTRAL		KJEL N. Tot. P Total CN		234567891		K Na	12345	6 7 8 9 10
BNAs	j	1 2 3 4 5 6 7 8 9 10	Available Cyanide		234567891		rel Mercury	12345	678910
PNAs only BNs only	•	1)2 <i>(3</i>) 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10			•	97.77.43			
	•					% Total	Solida -	12345	678910
			Other	1	234567891	0 ,			
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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL LABORATORY

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LAB WC	RK ORDER#	100]		AL LABURATUI LEQUEST SHEET	Page of			
		1201182						MATRIX=	WATER
0109999	DE NUMBER 9	SITÉ NAME SWET -	Im)	ar City	UPU			ACCEPT If yes which paras	HT CODES? Y / N peters?
DIVISIO	N	DISTRICT/OFFICE	MDEO PROJEC	MANAGEN		E-MAIL ADDRESS	3	PHONE	
RRD		Gaylord Office	Randy	Rothe		rother@michigan.gov			897053416
	Y CONTACT PE		TRM NAME (if :		PHONE	AY: 14 INI	EX: 44213	PCA: 30822	
<u> </u>	rin Hal	1 Mannikt	Smith (svoly =	734-397-3v	PROJECT: 55	50518 PH:		
1ST CHOI	ce. Na	OVERFLOW LA				1 .	S TO SEND ADDITION		
	ric	S 2ND CHOICE:	That	Ameri	Ca	1.) lebro	aawcan	ichipan	٧٨٧.
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1		•		SEE BACK	-	RED ****		`	-
					COLLECTED	GPS COC	RDINATES	1	····
LA	B USE ONLY	FIELD ID (Sample Identi	ification)	DATE	TIME	LATITUDE	LONGITUDE	co	OMMENTS
 	Τ .	(2) (0)	i)	MM/DD/YY	MILITARY				1 412
1	AC ()	SB-02(19-24	JW	7/15/15	1000			PIPE	1000
2	AC 02	DUP-100		7/15/15	1005			PDD	=1200
-	, O			7/1/13					7200
3	AC O	Trip Blank		1-16/13					
4	AC OL	SB-03(19-24)w	7/15/15	1030		N -43,	6DD3	200
5	AC 05	SB-05 (19-24)w	7/15/15	1045			PFD=	250
6 .	AC 06	SB-07 (19'-24'	YW.	7/15/15	1100			PED:	= Enn
	6000	513-08 (19-24	1)w		11 (, , , ,)	 			*
7	AC (C)	30-00 (11 27	<i>J</i> ω	4/15/15	1113		****	Pros	>0
8	AC								
9	AC						2441.43		
10	AC					142411241	31 1503 640 CA	100 m mg m	
	ORGAN	IC	GE	NERAL CHE	IISTRY	-		NORGANIC	
VOA	VOLATILES (82	20,0000	GN NO ₂ , O-Pho		123456789			A - Total Metal	
Full List BTEX/M	TBE/TMB only	(1000000000000000000000000000000000000	NO ₃ Calo (N Residue SS		1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1		H TEN METALS		2345678910
Chlorina		1 2 3 4 5 6 7 8 9 10	Residue TDS	3	1234567891	10 O P 7	, Ba, Cd, Cr, Cu, Pb, MEMO 2 METALS	1	2345678910
GRO 1,4 Dioxa	ane	1 2 3 4 5 6 7 8 9 10	Turbidity CA Chlorophyll		1 2 3 4 5 6 7 8 9 1		As,Ba,Be,Cd,Cr,Cu,Co Circle Metal and C		
METH	METHANE, ET	HANE, ETHENE	GA COD		1234567891	ΪΟ A1	Sb As Ba Be B C	d Cr 1	2 3 4 5 6 7 8 9 10
Methane,	ethane, ethene	ed 8015) 1 2 3 4 5 6 7 8 9 10	TOC NO ₃ + NO ₂ 1		1234567891		Cu Fe Pb Li Mn Se Ag Sr Ti Ti V		
ON	PESTICIDES/PC	, ,	KJEL N, Tot	P	1234567891	10 Ca	Mg K Na	ı	2 3 4 5 6 7 8 9 10
Pesticide:	s & PCBs s only	1 2 3 4 5 6 7 8 9 10	GB Total CN Amenable CN		1234567891		dness Calc (Ca Mg) Fo	1	2345678910
PCBs onl			GCN Available Cl		1234567891		v Level Mercury		2345678910
Toxapher Specialty	Pesticides	1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10		INORGANI	c	Lab		D - Dissolved	Metals 2345678910
BNA BNAs	BASE NEUTRAL	L & ACIDS (8270) 1 2 3 4 5 6 7 8 9 10	MN pH, Conducta		1 2 3 4 5 6 7 8 9 1		H TEN METALS	1	2 3 4 5 6 7 8 9 10
Benzidine	es .	1 2 3 4 5 6 7 8 9 10	Ci, SO ₄ , Tot HCO ₃ , CO ₃ -A	\lk	1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1		Ba, Cd, Cr, Cu, Pb, I IEMO 2 Metals		2345678910
PNAs onl		1 2 3 4 5 6 7 8 9 10	Cr ⁺⁶		1 2 3 4 5 6 7 8 9 1		s,Ba,Be,Cd,Cr,Cu,Co,		
BNs only ACIDs or		1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10					Circle Metal and C Sb As Ba Be B C		
	ÓRGANIC SPEC	TAL REQUESTS					Cu Fe Pb Li Mn		2345678910
	earch - Volatiles earch - Semi-Vols	1 2 3 4 5 6 7 8 9 10					Se Ag Sr Tl Ti V		
FingerPri		1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10					Mg K Na dness Calc (Ca Mg)		2
DRO/OR	O (8015)	1 2 3 4 5 6 7 8 9 10				LL E	Ig		
							Level Mercury		2345678910
	ED BY / ORGAN	ZATION			RECEIVE Print Name &	D BY / ORGANIZA	TION	DATE	TIME :
ł	Organization /	Tdam /Vea	r		Organization MG	5G F	idao.	71	
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· '	Print Name & Organization	mly Tichox	MSC		Print Name & Organization	7-22-1	121		
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	E	And Lame				VICT		7/16/15	", "
						and the same			

Michigan Department of Environmental Quality Analytical Testing Report

Work Order:

1507190

1099999

Report Date: Client: 8/6/2015 14:29 MDEQ-RRD-GAYLORD

Attention:

Randy Rothe

Project Name:

SWET-IMLAY CITY DPW

Project Number:

Sample Number Sample ID						Soll		1507190-04	1507190-06	1507190-08	1507190-11	1507190-13
Sample ID					Groundwater	Volatilization to	[SB-02 (18')S	\$8-03 (16')\$	SB-04 (15')S	SB-06 (18')S	SB-07 (18')S
Sample Depth			Target	Drinking Water	Surface Water	Indoor Air					7/14/2015	
Date Collected			Detection Umit	Protection	Protection	Inhalation	Direct Contact	7/14/2015	7/14/2015	7/14/2015		7/14/2015
Date Received			(TDL)	Criteria (DWPC)	Criteria (GSIPC)	Criteria (SVIIC)	Criteria (DCC)	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015
Analyte Units Method			7	Org	ganics-Semivolat	tiles						
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	1,500,000	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	JØ	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 Hotaletes contaminant emends QSIPE

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.

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 Sample ID					Groundwater	Soil Volatilization to	,	1507190-01 SB-01 [11']S	1507190-02 DUP-15	1507190-03 Trip Blank	1507190-04 SB-02 (18')S	1507190-05 58-02 (20')SAT	1507190-05 \$8-03 [15]5	1507190-07 \$8-03 (20')SAT	1507190-08 58-04 (15')5	1507190-09 58-04 (19')SAT	1507190-10 58-05 (18')5	1507190-11 58-06 (18')5	1507190-12 S8-06 (19')SAT	1507190-13 58-07 (18')5	1507190-14 S8-07 (19')SAT	1507190-15 SB-08(18')S	1507190-16 S8-09 (17)S	1507190-1 58-10 (187
Sample Depth			Target	Orinking Water	Surface Water	Indoor Air	1																	-
ate Collected			Detection Limit	Protection	Protection	Inhalation	Direct Contact	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	7/15/201
ate Received			(TOL)	Criteria (OWPC)	Criteria (GSIPC)	Criteria (SVIIC)	Criteria (DCC)	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	7/16/201
nalyte	Units	Method		C	Organics-Volatile	es																		
1.1,2-Tetrachioroethane	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-Trichloroethane	ug/ke dry	8260	50	4,000	1,800	250,000	500,000,000	<260	<270	<50	<\$60	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<\$6
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	G58	<56
1,2-Trichloroethane		8260	50	100	6,600	4,600	180,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	c69	<440	<300	<64	<71	<56	<68	<56
	ug/kg dry		_	+		-		-		-							-50	1110	-	<64		<56		
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	403	<440	<300		<71		<68	<56
,1-Dichloroethylene	ug/kg dry	8260	50	140	2,600	62	200,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	0/9	<440	<300	<64	<71	<56	<68	<56
,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
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
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
2.4-Trichlorobenzene	sq/kg dry	#260	250	4,200	5,900	9.600,000	990,000	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	970	<350	<2200	<1500	<320	<350	*280	<340	<280
2,4-Trimethylbenzene	ug/kg dry	8260	100	2,100	570	4,300,000	32,000,000	42,000	\$1,560	+50	Total Control	14.70	MARKET	14.704	0.00	4 11	A PART OF THE PART		100	DUAL	100	56	490	140
	ug/kg dry	8260	NA	NA.	NA	NA	NA.	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	4357	<350	<2200	1500	<320	<350	<280	<340	<280
,2-Dibramo-3-chloropropane				20		TARREST	92	<260					<550	<68		\$70	-60	<440	₹300	<64	<71	<56	<68	<56
,2-Dibromoethane	ug/kg dry	8260	20	-	110	670		-	<270	<50	<560	<280	-		<74		400							
,2-Dichlorobenzene	ug/ka dry	8260	100	14,000	280	11,000,000	19,000,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	469	<440	<300	<64	<71	<56	<68	<56
,2-Dichloroethane	ug/kg dry	8260	50	100	7,200	2,100	91,000	<260	<270	<50	<560	<280	<\$50	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
,2-Dichloropropane	ug/kg dry	8260	50	100	4,600	4,000	140,000	<260	*270	<50	<560	<280	<550	<68	+74	<70	569	<440	<300	<64	<71	<56	468	<56
1.5-Trimethylbenzene	sig/kg dry	8260	100	1,800	1,100	2,600,000	32,000,000	1000	N. A.	<50	- 01/40	3.00	2000				All and a second	1000	1	LUT	L. L.	<56	540	1,200
,3-Dichlorobenzene	ug/kg dry	8260	100	170	680	26,000	200,000	<260	<270	<50	<560	<280	<550	<60	-624	470	<69	<440	<300	<64	en.	<56	<68	<56
.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
-Butanone (MEK)	ug/kg dry	8260	750	260,000	44,000	54,000,000	120,000,000	<1300	<1300	<250	<2800	<1400	<2800	<340	4370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
		8260	2.500	20,000	ID.	990,000	32,000,000	<1300	<1300	<250	<2800	<1400	<2800	340	<270	<350	<350	<2200	<1500	<320	<350	<280	340	<280
2-Hexanone	ug/kg dry		-	- The state of the			and the latest designation of the latest des	₹1500	9.300		-2000	- Allerance -	12000	340	2000	2,100	3,900	15 000	5.000	40 MM	1,900	<280	340	570
2-Methylnaphthalene	ug/kg dry	8260	330	57,000	4,200	2,700,000	8,100,000			<250		2,700		1	4,900			40000	4000					
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	₹150	<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	4350	<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	<\$6
Promochloromethane	ug/kg dry	8260	NA.	NA	NA	NA	NA NA	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Sromodichloromethane	ug/kg dry	8260	100	1,600	ID	1,200	110,000	<260	<270	<50	<580	<280	4550	<68	<74	<70	c69	<440	<300	<64	<71	<56	<68	<56
Market Control of the		8260	100	1,600	ID	150,000	820,000	<260	<270	<50	<560	<280	esso.	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
3romoform	ug/kg dry	-				The second second						_	s2800		<370	<350		<2200	1	<320	<350	<280	<340	<280
Bromomethane	ug/kg dry	8260	200	200	700	860	320,000	<1300	<1300	<250	<2800	<1400		<340		1	<350		<1500					
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	<\$60	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
Chlorobenzene	ug/kg dry	\$260	50	2,000	500	120,000	4,300,000	<260	<270	<50	<560	<280	<550	<58	<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	<1480	<2,800	<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	NA.	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
		8260	NA	NA NA	NA NA	NA	NA.	11,000	10,000	<250	7.500	<1400	29,000	3 300	650	2,900	470	<2200	2,000	870	2,400	<280	<340	<280
Cyclohexane	ug/kg dry					10.0	1000				1,500		45/200	3,300				<440	-	<64				<56
Dibromochloromethane	ug/kg dry	8260	100	1,600	ID	3,900	110,000	<260	<270	<50	360	<280	C350	108	<74	<70	<69		<300		<71	<56	<68	-
Dibromomethane	ug/kg dry	8260	250	1,600	NA	10	2,500,000	<260	<270	<50	<580	<280	¥550	408	<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	<2890	<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
Disopropyl 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	350	87,000	22,000,000	1836	13.30	450		A STATE OF THE PARTY OF THE PAR	130,000	100	790	340	AND RESIDENCE			13,000	1,00	<56	90	210
thyltertiarybulylether	ug/kg dry	8260	250	580	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
		8260	250	91,000	3,200	400,000	25,000,000	2,000	1,900	<50	1000	500	AV-	1,900	250	390	290	1,800	830	1,600	980	<56	<68	RR
sopropylbenzene	ug/ka dry			NA NA	3,200 NA	NA.	25,000,000 NA			<100	360,000	6,600	590,000	54,000	2,200	660	3.000	79,000	6,100	64.000	17,000	<110	290	670
n & p - Xylene	ug/kg dry	\$260	NA NA	141	74.	1001	1 100	38,000	33,000	-	200,000								-	<64		<56	<68	<56
Aethyl iodide	ug/kg dry	8260	NA.	NA.	NA	NA	NA.	<260	<270	<50	4360	<280	<550	<68	<74	<70	<69	<440	<300	10000	<71			<36
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
dethyltertiary hulylether	ug/kg dry	8260	250	800	140,000	9,900,000	1,500,000	<260	<270	<50	<560	<590	<550	468	<74	<70	<69	<440	<300	end	on	456	463	<56
laphthalene	ug/kg dry	8260	530	35,000	730	250,000	16,000,000	7.300	CACO HALL	43.70	1100			EA,Dest	LARE	<350	1,400	12,000	1,500	7,630	4,000	<280	<340	290
-Butylbenzene	ug/kg dry	8260	SO	1,600	ID	EED	2,500,000	₹260	<270	450	<560	<280	<550	<68	#74	₹20	<69	c440	<300	<64	<71	<56	<68	<56
-Propylbenzene	ug/kg dry	8260	100	3,600	10	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
-Xylene	ug/kg dry	8260	HA	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
-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
ec-Butylbenzene		8260	50	1,600	10	ID	2,500,000	970	910	(50)	<560	<280	5,300	560	120	720	290	1,500	<300	1,000	350	<56	<68	120
	ug/kg dry	THE RESERVE OF THE PERSON NAMED IN	50	2,700				250	<270	(50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56		-
tyrene	ug/kg dry	8260	+		2,100	250,000	400,000	700		-50					41 177 2000								<68	<56
ert-Butylbenzene	ug/kg dry	8260	50	1,600	10	ID	2,500,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<56
ertiary Butyl Alcohol	ug/kg dry	8260	2,500	78,000	NA .	310,000,000			<13000	<2500	<28000	<14000	<28000	<3400	<3700	<3500	<3500	<22000	<15000	<3200	<3500	<2800	<3400	<2800
rtiaryAmylmethylether	sag/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
trachloroethylene	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
etrahydrofuran	ug/kg dry	B260	1,000	1,900	220,000	1,300,000	2,900,000		<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
luene	ug/kg dry	8260	100	16,000	5,400	330,000	50,000,000	1,100	930	<50	77.00	300	S THE SECOND	230	80	<70	73	5,000	750	4,600	120	<56	<68	<56
ms-1,2-Dichloroethylene		8260	50	2,000			-		<270	450	<560	<280	<\$50	<68	<74	<70	<69	<440	<300	<64	<71	<56	<68	<\$6
	ug/kg dry				30,000	23,000	3,800,000	1200										<440						
ans-1,3-Dichloropropylene	ug/kg dry	8260	NA	NA NA	NA.	NA	NA.	<260	470	<50	<560	<280	<550	<68	<74	<70	<69		<300	<64	<71	K56	<68	<56
ans-1,4-Dichloro-2-butene	ug/kg dry	8260	NA	NA	NA NA	NA	NA NA	<1300	<1300	<250	<2800	<1400	<2800	<340	<370	<350	<350	<2200	<1500	<320	<350	<280	<340	<280
richloroethylene	ug/kg d	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
			100	1 57.000	NA	2,800,000	79,000,000	<260	<270	<50	<560	<280	<550	<68	<74	<70	c69	c440	<300	<64	<71	<56	<68	<56
richlorofluoromethane	ug/kg dry	8260 8260	100	52,000	(NA)	2,800,000	13,000,000	7600		<50	<560	<280	<\$S0	<68	<74	<70	469	<440	<300	<64	<71	<56	<68	<56

Grey Indicates contaminant was detected.
Yellow indicates contaminant exceeds DWPC.

Orange in the manufacturity exceeds one or more is true, with another ECE.

TIOT 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 volabilize under most conditions.

Letters in criteria columns refer to Footnotes of the Criteria/RBSLs tables.

Michigan Department of Environmental Quality Analytical Testing Report

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

Project Number: 1099999

Sample Number Sample ID Sample Depth					Groundwater Surface Water	Groundwater Volatilization to Indoor Air	Rule 57 Final	1507189-01 5B-02 (19'-24')W	1507189-02 DUP-1W	1507189-03 Trip Blank	1507189-04 58-03 (19'-24')W	1507189-05 S8-05 (19'-24')W	1507189-06 SB-07 (19'-24')W	1507189-07 SB-08 (19'-24')W
Date Collected			Target Detection		Interface	Inhalation	Acute Value (FAV)	7/15/2015 7/16/2015	7/15/2015 7/16/2015	7/6/2015 7/16/2015	7/15/2015 7/16/2015	7/15/2015 7/16/2015	7/15/2015 7/16/2015	7/15/2015 7/16/2015
Date Received Analyte	Units	Method	Limit (TDL)	Criteria (DWC)	Organics-Volatile	Criteria (GVIIC)	(FAV)	7/16/2015	//16/2015	//16/2015	//16/2015	//16/2015	//16/2015	7/16/2015
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 NA	8,300 NA	NA NA	<100	<100 470	<1.0	<10 94	<10 77	<100 680	<100 740
1,2,3-Trimethylbenzene 1,2,4-Trichlorobenzene	ug/L ug/L	8260 8260	NA 5	70	NA 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	540	460	2,500	2,800
1,2-Dibromo-3-chloropropane	ug/L	8260	NA NA	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	DI.		<1.0	L III	100	110	785
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	10	4,200,000	ID 100	<500	<500	<5.0	<50	<50	<500	<500
2-Methylnaphthalene	ug/L	8260	5	260	19	25,000	340	<500	<500	<5.0	4700	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 8260	50	1,800	1D 2	20,000,000 34,000	1,200	<500 <500	<500 <500	<5.0 <5.0	<50 <50	<50 <50	<500 <500	<500 <500
Acrylonitrile	ug/L ug/L	8260	1	5	200	5,600	1,900	<500	<300	<1.0	36	24	190	<500
Benzene Bromobenzene	ug/L	8260	1	18	NA NA	180,000	NA NA	<100	<100	<1.0	<10	<10	<100	<100
Bromochloromethane	ug/L	8260	NA	NA NA	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 OO	NA IO	NA 14 000	NA ID	<500 <100	<500 <100	<5.0	120 <10	74 <10	<500	<500 <100
Dibromochloromethane	ug/L	8260 8260	5 S	80	ID NA	14,000 ID	ID NA	<100	<100	<1.0	<10	<10	<100	<100
Dibromomethane 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	(I - 10)	100	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	450	4500	<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 c10	<500	<500
n-Butylbenzene	ug/L	8260	1	80	ID ID	10	10	<100	<100 180	<1.0 <1.0	<10 100	<10 67	<100 270	<100 310
n-Propylbenzene	ug/L	8260 8260	NA NA	80 NA	NA NA	NA NA	NA NA	2.200	2,800	<1.0	360	310	3,000	3,200
a-Xylene	ug/L ug/L	8260	NA NA	NA NA	NA NA	NA NA	NA NA	<100	<100	<1.0	10	<10	<100	<100
p-Isopropyl toluene sec-Butylbenzene	ug/L	8260	1	80 80	ID	ID	10	<100	<100	<1.0	15	10	<100	<100
Styrene Styrene	ug/L ug/L	8260	1	100	80	170,000	2,900	<100	<100	<1.0	<10	<10	<100	<100
tert-Butylbenzene	ug/L	8260	1	480	Qy	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	MI	475
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 17.000	<100	<100	<1.0	<10	<10	<100	<100
Vinyl chloride	ug/L	8260	1		13	1,100	17,000	<100	<100	<1.0	<10	<10	<100	<100

Grey indicates contaminant was detected.

"Trange indicates contaminant exceeds one or ind "ID" means insufficient data to develop criterion.

"NA" means a criterion or value is not available or, in the case of background, not a "NLV" means hazardous substance is not likely to volatilize under most conditions. Letters in criteria columns refer to Footnotes of the Criteria/RBSLs tables.

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	100 100					
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	1	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		0	\$0.00
9	Report	1	Report	\$1,000.00		1	\$1,000.00
	TOTALS			\$4,534.80			
	** December will early be any defeath		L INVOICE				\$6,325.00

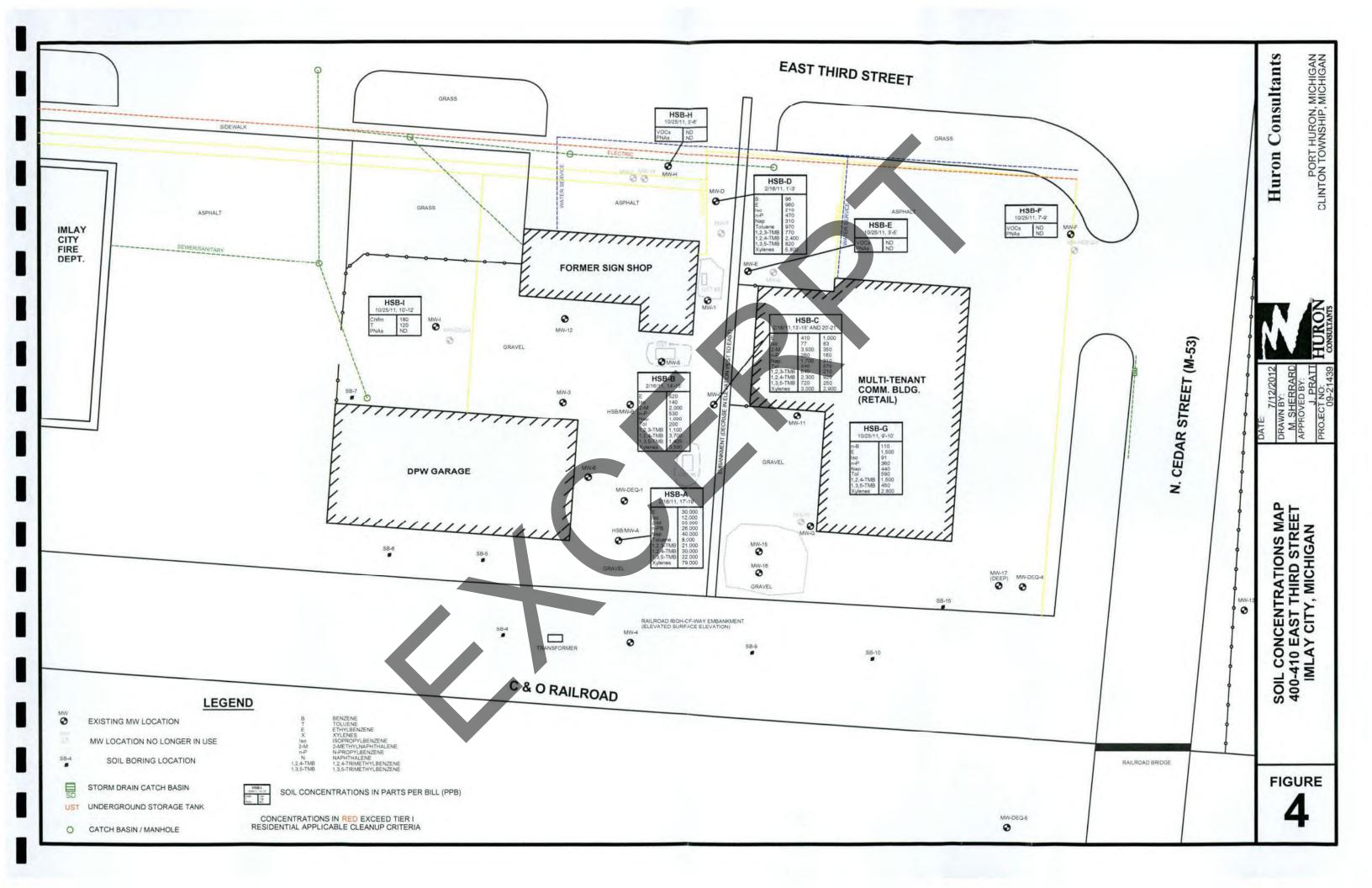
^{**} Payment will only be made for the actual work performed.

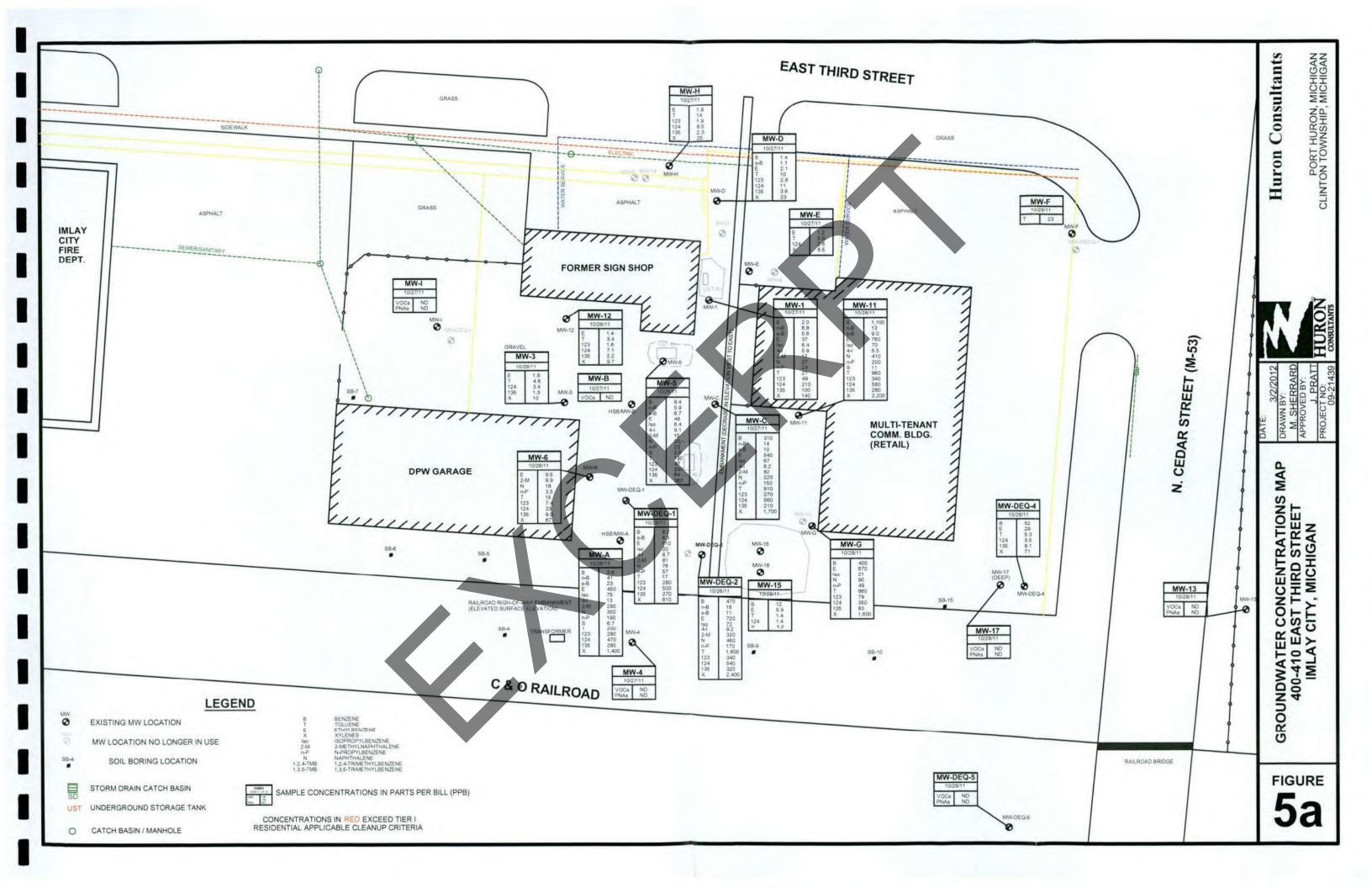
Only one invoice per site is to be submitted once all work is complete and submittals received

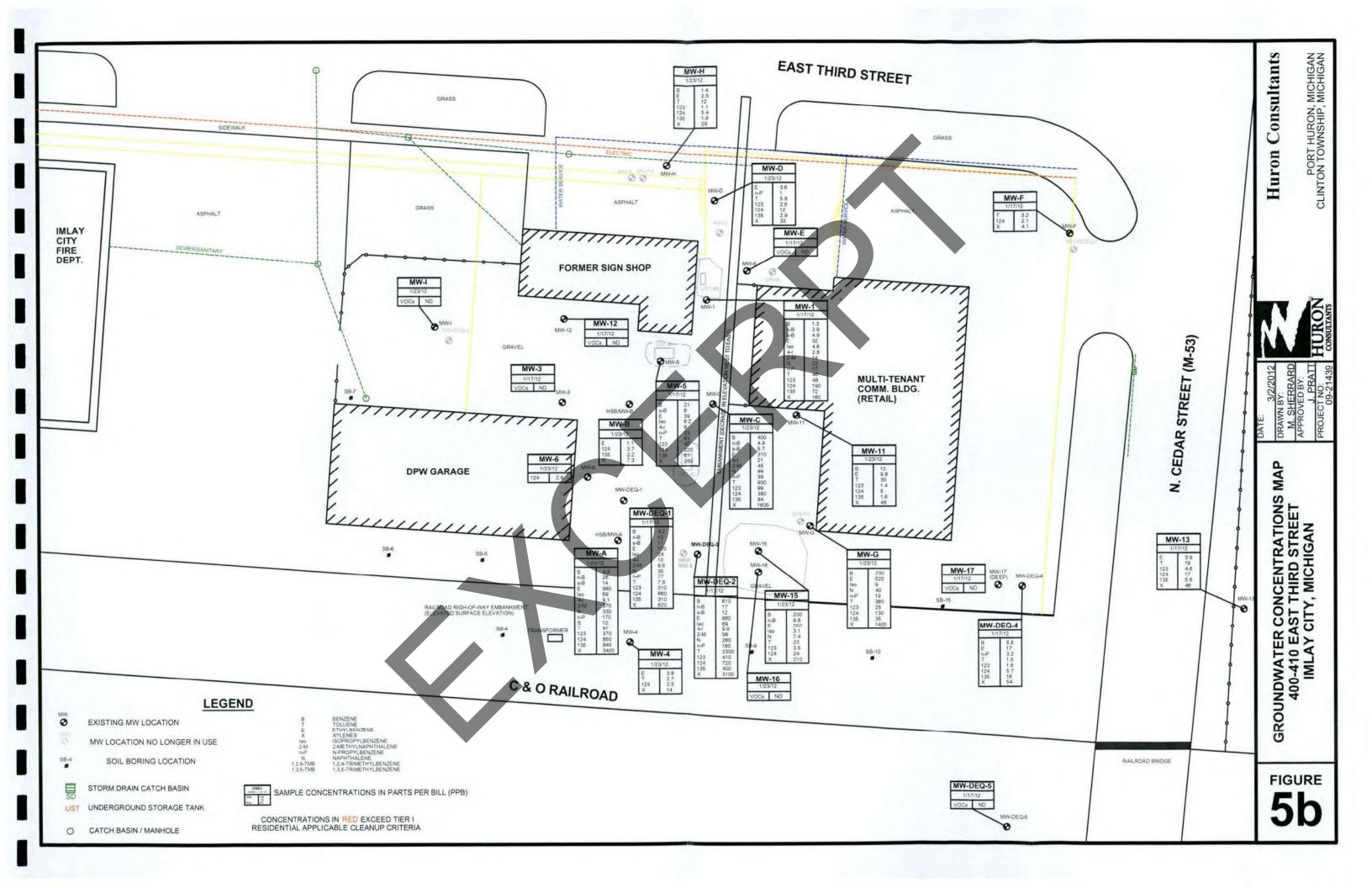


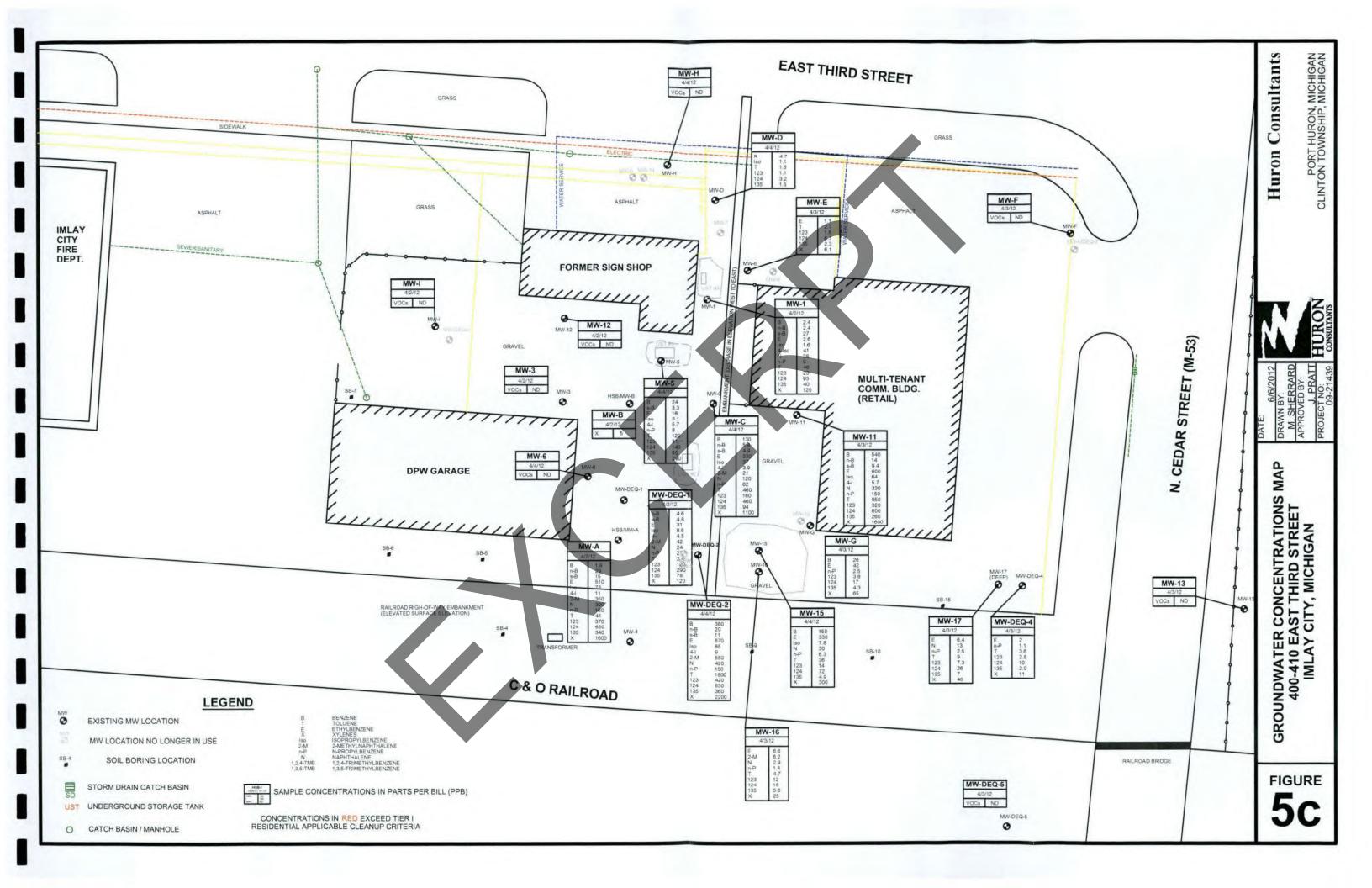
Excerpts from *Leaking Underground Storage Tank Closure Report: City of Imlay City Former DPW*, dated February 18, 2013 and prepared by Huron Consultants.

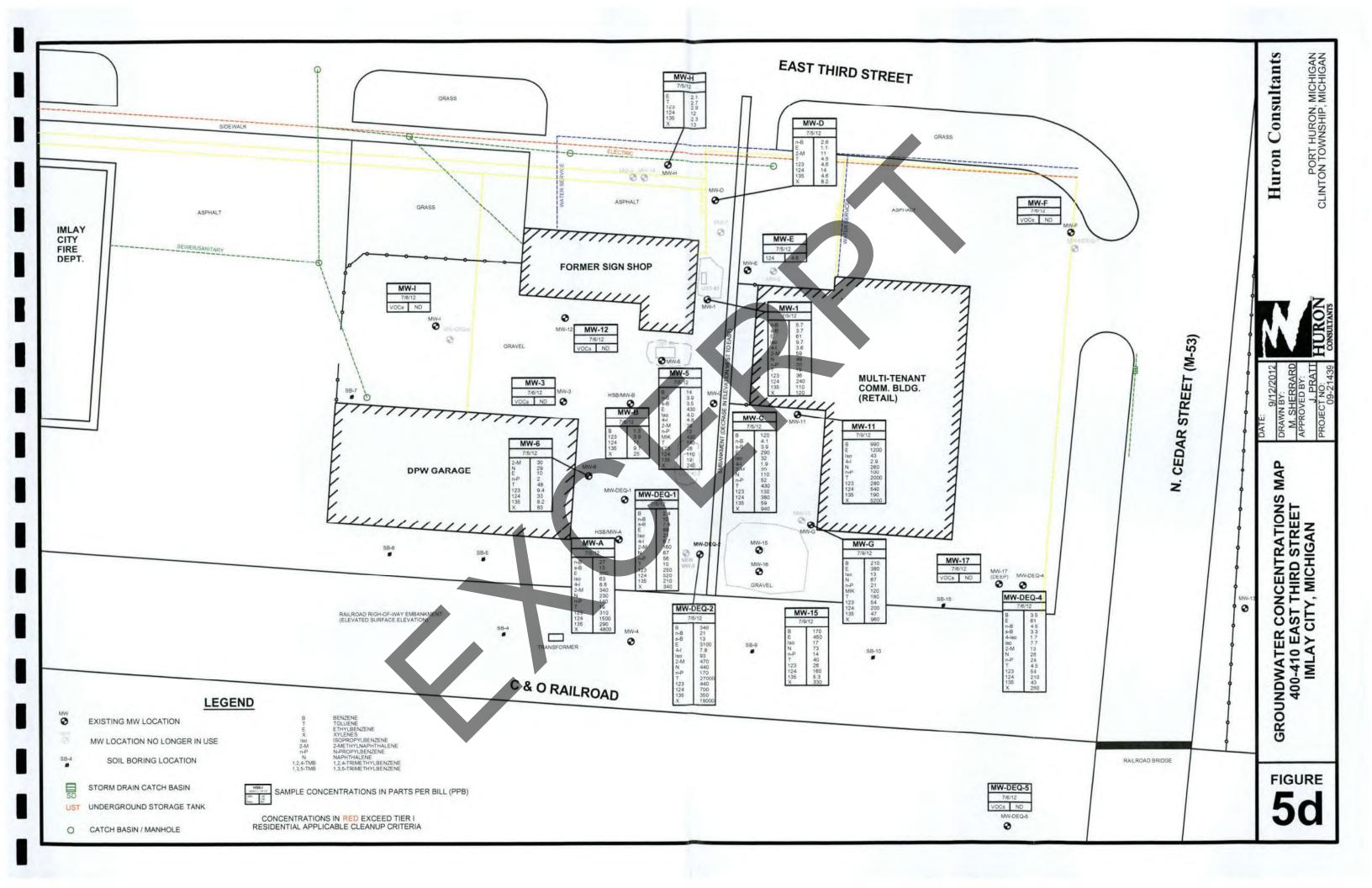


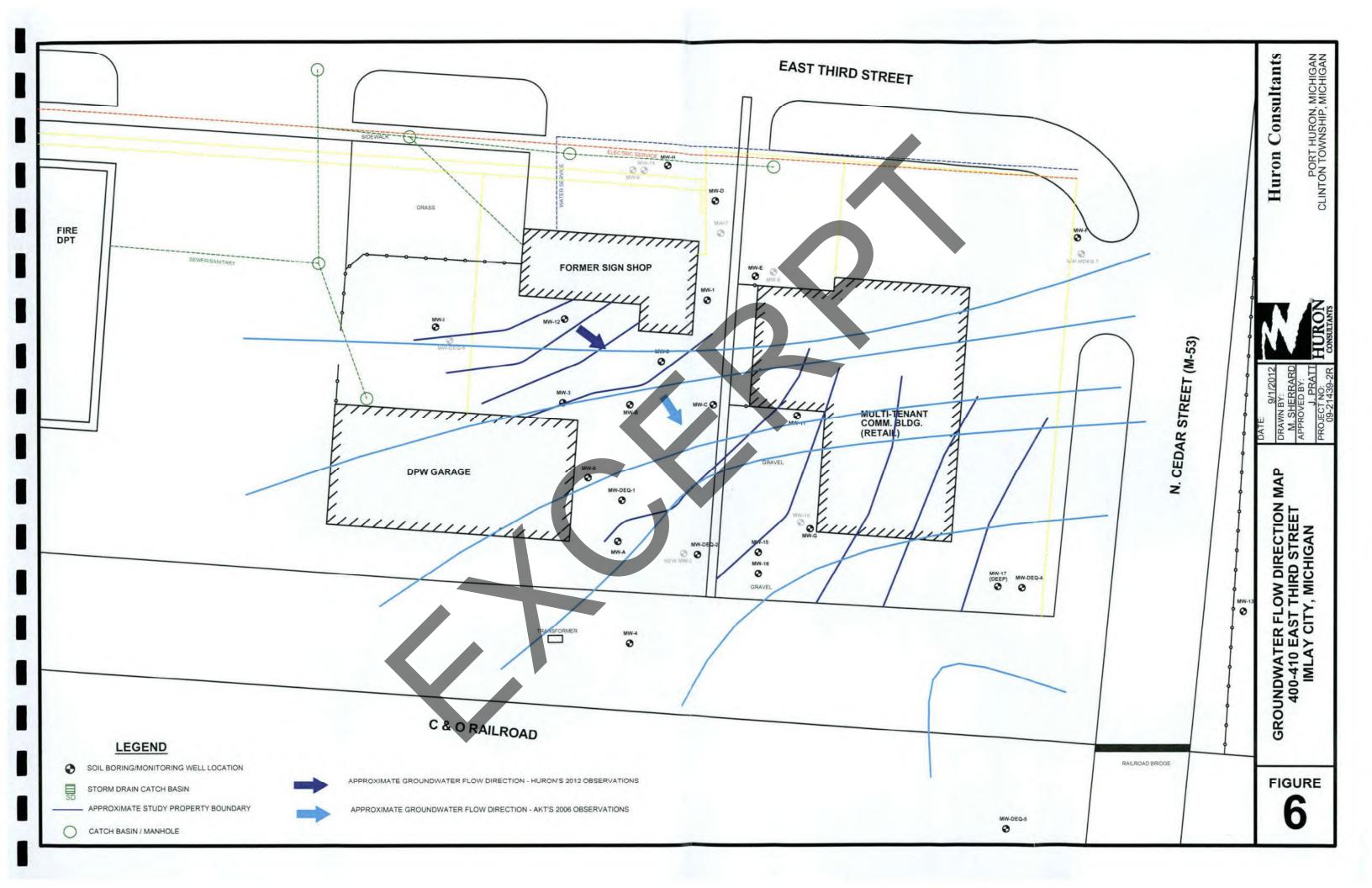














SOIL ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS 400 EAST 3RD STREET, IMLAY CITY, MICHIGAN

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	A STATE OF THE STA	A THE COLUMN TO	THE YES		The property of the second		2/16/11	2/16/11	2/16/11	2/16/11	2/16/1
VOLATILE ORGANICS										1 //-	
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	10	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

SOIL ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

IMLAY CITY DEPARTMENT OF PUBLIC WORKS 400 EAST 3RD STREET, IMLAY CITY, MICHIGAN

FACILITY ID NO. SWI47ES

	Cirkini Water RMSLs	Grounkhiester – Sturface Wided Interface RBSLs	Groundwaker Contact RBSLs	Voletification to Indoor Air Inhelation RBSLs	Votatilization to Ambient Air Inheloton RBSLs	Direct Contents FERSILS	1186 E 3-5' 10/25/11	10/25/11	9-10 10/25/11	5-8 10/25/11	1688-1 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	10	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	10	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 AROMATIC	CS										
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

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	Groundweter Surface Water Interface	Veistilization to Indoor Air Inhalation	Contact		149	N-1			粉件	W-3			M	Per de	
	Criteria	Criteria	Criteria	Criteria	10/27/11	1/17/12	4/2/2012	7/5/12	10/26/11	1/17/12	4/2/192	7/8/12	10/27/11	1/23/12	4/4/12	7/8/12
POLATILE ORGANIC COM	POUNDS							a manufacture news						Ca marcondaria	- Seeman All See	And a Consequent
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
sopropylbenzene	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	NO	ND	ND	ND	ND	NS	NS
			SUMMES	91,980		- 82 17	29	(D)			727	10	2003 2452	\$66. 32.	14	138
	100			50.78	(6)						187 187	1963				, 116 Ace
	100 170 ag	late 1 USB									40 S				1 Us.	
			6.0		(1) (2)	A		10	基) 强 强		ea La				i de Sal	199

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

	Drinking Water	Groundwater Surface Water Interface	Volatilization to Indoor Air Inhalation	Groundwater Contact		MV	V-5			MV	N-6			MW	/-11	
	Criteria	Criteria	Criteria	Criteria	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 CO	MPOUNDS															
Bencero	5.0	200	5,800	11,000	0.4	21	74	14	NO	ND	ND	HD	1,139	12	540	990
n-Busylbenzene	08	10	OI CII	5,905	5.9	MO	MD	3.9	ND	NO	ND	RO	13	NO	14	NO
sec-Dub/benzena	80	10	(10)	4,400	8.7	6.0	3.3	3.6	NO	ND	ND	NO	9.5	MO	9.4	HED
Ethylbaragrae	74	16	110,000	170,000	48	38	78	44	9.5	NO	NO	10	700	8.8	300	1,200
lecoropyiberaeste	800	28	58,000	58,000	6.4	6.2	3.1	4,0	NO	ND	MD	MD	70	NO	64	48
4-teopropyliokuene	10	X O	iD	150	9.1	8.0	5.7	4.8	ND	NO	ND	PAE)	5.5	NO	5.7	2.9
2-Medin/nophthologis	2450	19	25,000	25,000	16	940	100	38	87.89	NED	NO	36	ND	ND	NO	140
Napritrialene	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

Concentration exceeds Applicable Tier I RBSL

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	Groundwater Surface Water Interface	Volatilization to Indoor Air Inhalation	Contact		MW	l-12			MW-	13			MV	<i>l</i> -15	
	Criteria	Criteria	Criteria	Criteria	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 C	OMPOUNDS	A Property of the Park of the		***************************************	Break and a solution of		***************************************	NAME OF THE OWNER, OWNE				-				
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
white and the last the second con-	NO SERVICE OF THE PARTY OF THE	Carrent - marchine		11 220 Star Star	and additioner	THE PARTY	was Meen	www.M.Dawson	and world Property	The state of the last of	A District	rum Nicom	Power Stevens	market America		73.00

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, Mai
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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs IMLAY CITY DEPARTMENT OF PUBLIC WORKS 400 EAST 3RD STREET, IMLAY CITY, IM FACILITY ID NO. 00014763

. 45	Catronia Excussor	diace vista (Interpose 4	erlacker vir Avestania	Certain 7	3								F. 5	7 40	D. D.	8 . TO
VOLATILE CHOANIC CON	GA. P	Sanate	Columbia V		100	FOOL	(3)2 (3)2	Line 12.	10.00	212.12		77	Theater	esaning.	* sona	27000
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

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SHOUNGWATER ANALYTICAL RESULTS COMPARISON TO TIER I RESULT

OF THE COMPARISON TO THE

	Driniskog Wester	Groundwater Surface Water Interface		COMME		MW/-J	76Q-2			阿弥-(7534			100V-100	0EQ-8	alliano di Propinsi di Propins
	Calleria	Crimeis	Crisna	Calibrates	10/28/11	1/17/12	4/2/12	7/9/12	10/28/11	1/17/12	47712	78/12	10/28/11	1/17/12	4/3/12	7/0/12
VOLATILE ORGANIC COI	SPECIAL SE															C I AND CONTROL OF THE PARTY OF
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
Nogalithalana	520	11	31,000	31,000	460	260	426	440	MP	- NO	NØ.	35	ND	HNO	160	NO
NATION CONTRACTOR	5 AB			0 9000	170	180	159	0.00	HD:		11 0	35	140	100	(4.00)	MG -
9000	100	- 80	170,00%	0.700		100	NO	XIO		100		NO	No.	CE NO	140	1 787
Yokana	790	220	er of mid and	1500	7,000	5700	100	27/345	54		249	4.6	66.1	The Page	MD	M2
1,2,2-Triandinghorsesso =	113		34,000	50.000	354 289	416	430	246	18	# # Take	2.0	40.00	100	- MO	160	660
1,7,4-TilateRhyReprocess	100	- 017	[SA/1/00	-340 a.c.	7.6	- C-830		3.8		. 10	1 290 Eq.	No. of the Land	40	140	1 100
CAS-Tanoringiname	12.72	40	01.000	1. 11.59		366				49	2.9 (-48	14.6	480	147	1 160
Nytanaa	260		1 46,000	160 80	4.75					54	11		101	NO	1 683	(40)



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	Groundwater Surface Water Interface	Votatilization to Indoor Air Inhelation	Groundwater Contact		A SA	HA			500	(-B				r-c	
	Criteria	Criteria	Criteria	Criteria	10/26/11	1/23/12	4/2/12	7/5/12	10/27/11	1/23/12	4/2/12	7/0/12	10/27/11	1/23/12	44/12	7/5/12
VOLATE E CINCANIC CON	POMOS															V.A. Grand S. 131
Bertine 7	6.0	200	3,000	H.Des	4.8	4.5	19			10	180	A Sh	310	400.0	130	- 120
n-Butchbargery -		146.5		5.00	41	3 2 E	20	- 27	10		160	10		43	- 44	41
eco Bundamente	00		n - 1	4 4 400	73		15	13	140	/80 .4	ND .	- 10	10	- 87	4.9	3.9
Eth/Osraese	74	4	110,000	179,000	. 40	000	510	500	2.0	14.7		NO.	14	319	320	290
leapropytherware	800	25	- 54,000	06,000	75		· 73	4.0	10		NO	10	4		7 37	3 32 . .
4-lacency-lickwent	- 0	20 - D	2 - m	PT + 10	0.12		11	1.6	PAD		alD^	10	62	9	3.9	1.0
	200	· 19	£ 7 25,000	25,000	290	370	./ 900	340	100	HD.	ND	ND	62 -	- 46	21	
	- 44	- M		4.00				/0	. PD .				100			111
	14	LATER.						(E)		TO SER		I Vent	L M			
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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, Mai
ID = Insufficient data for development of criterion

ND = Non Detect

NS = No S

ID = Insufficient data for development of criterion ND Shaded concentrations exceed one or more of the listed criteria

Concentration exceeds Applicable Tier I RBSL

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

	Ortriding Water	Groundweter Surface Water Interface	Volatifization to indoor Air inhabition	Contact			1-0	og med Alv Smithely of the state		NAV	H-E			MW	UF.	
	Critoria	Criticals	Criteria	Critaria	10/27/11	1/23/12	4/4/12	7/1/12	10/27/11	1/17/12	4/3/12	7/5/12	10/25/11	1/17/12	4/3/12	7/8/12
LATILE ORGANIC CON	POUNDS											-	Secure and the State of the Sta	Contract Services	Andreas de la companya de la company	A O. L. Mariana
	9.0	200	5.600	100	1.1	10.	47	(40)	1(0)	NO.	10	Sept.	S. Ma	FIG	640	1.15
LUBERCOTE V	100	The state of the s	V 8 10	1.0	HO	1 680	W0.7	2.6	NO /	NO.	NO.	100	- 10	11.86	440	- bg/
Bridgement .	- N	<u> </u>	90 - 90	440	15.15.1	ND.	MD:	NO.	- 140 %	An a	NO.		N KILL	LNO .	J-, (413 - 5	10
e Denoone 7 7 7 7 7 7		18	V + 110,080	170,000	2.1	4.9	Ni.>	2.11		AWA	工程	(4)		*40	NO.	NO.
proprieta ese	-0.00		56,000	54,000	NID.	NO.	10 V 15 -	, NO	100	100		ND	MQ	NU.	140	i re
toprovintuere	- 10	100		(0)	CHD .	40	HŲ:	- CMD		MD.		140	NO.	1.00	S Nau	0.000
tellishmer malesia	260	16	15 OF 6	25,000	MD.	NO 1	390	1. 11	510	77	NO.	No.	1.00	C WE	NE	P NC
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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, Mai
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

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	Groundwater Surface Water Interface	Volatilization to Indoor Air Inhalation	Groundwater Contact		MW	/-G			MW-	н			MW-I			
	Criteria	Criteria	Criteria	Criteria	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		
ATILE ORGANIC CO	MPOUNDS		Treatment and an			ONE DISEASE NEWS	1/10/19/14/19/14	entropia (il monto del		SENSOTE SANSTANCE	DIRECTOR SHIPS	S. A.		STORES CONTROL STATE OF THE STA	The second secon	MENT AND MIN	_ p
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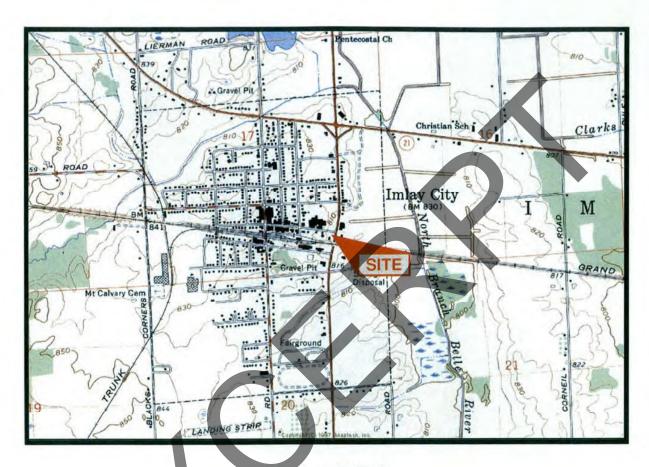
Concentration exceeds Applicable Tier I RBSL

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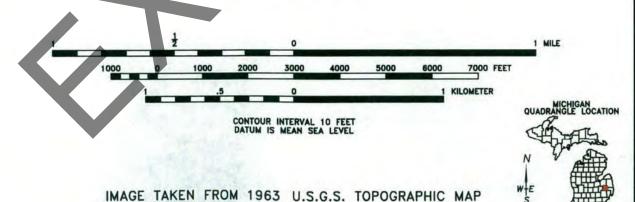
Excerpts from *Corrective Action Plan Status Report: 400, 410, and 420 East Third Street, Imlay City, Michigan*, dated September 2, 2010 and prepared by AKT Peerless Environmental Services.



IMLAY CITY QUADRANGLE MICHIGAN - LAPEER COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC)



T.7 N. - R.12 E.





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

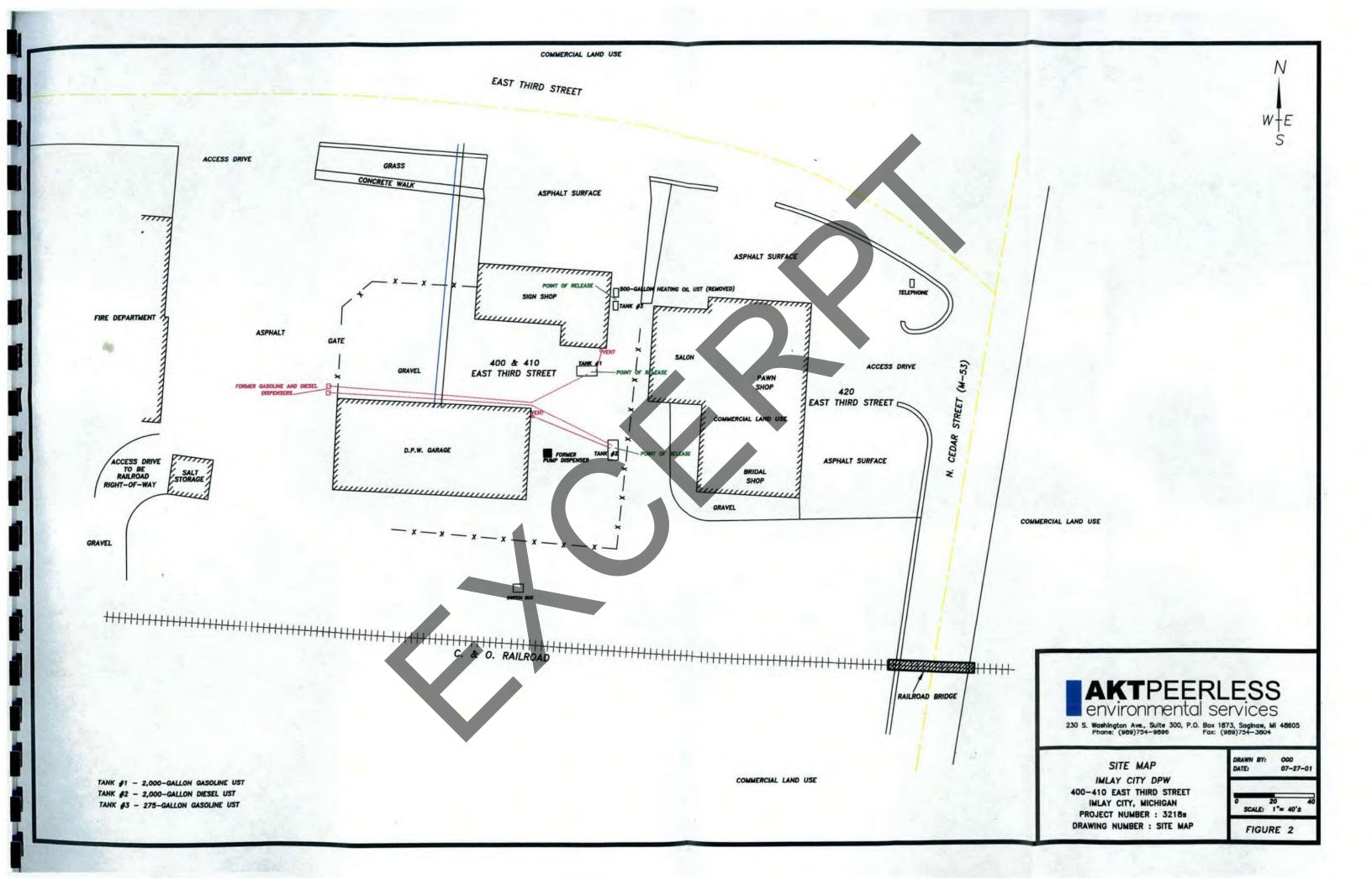
TOPOGRAPHIC LOCATION MAP IMLAY CITY DPW

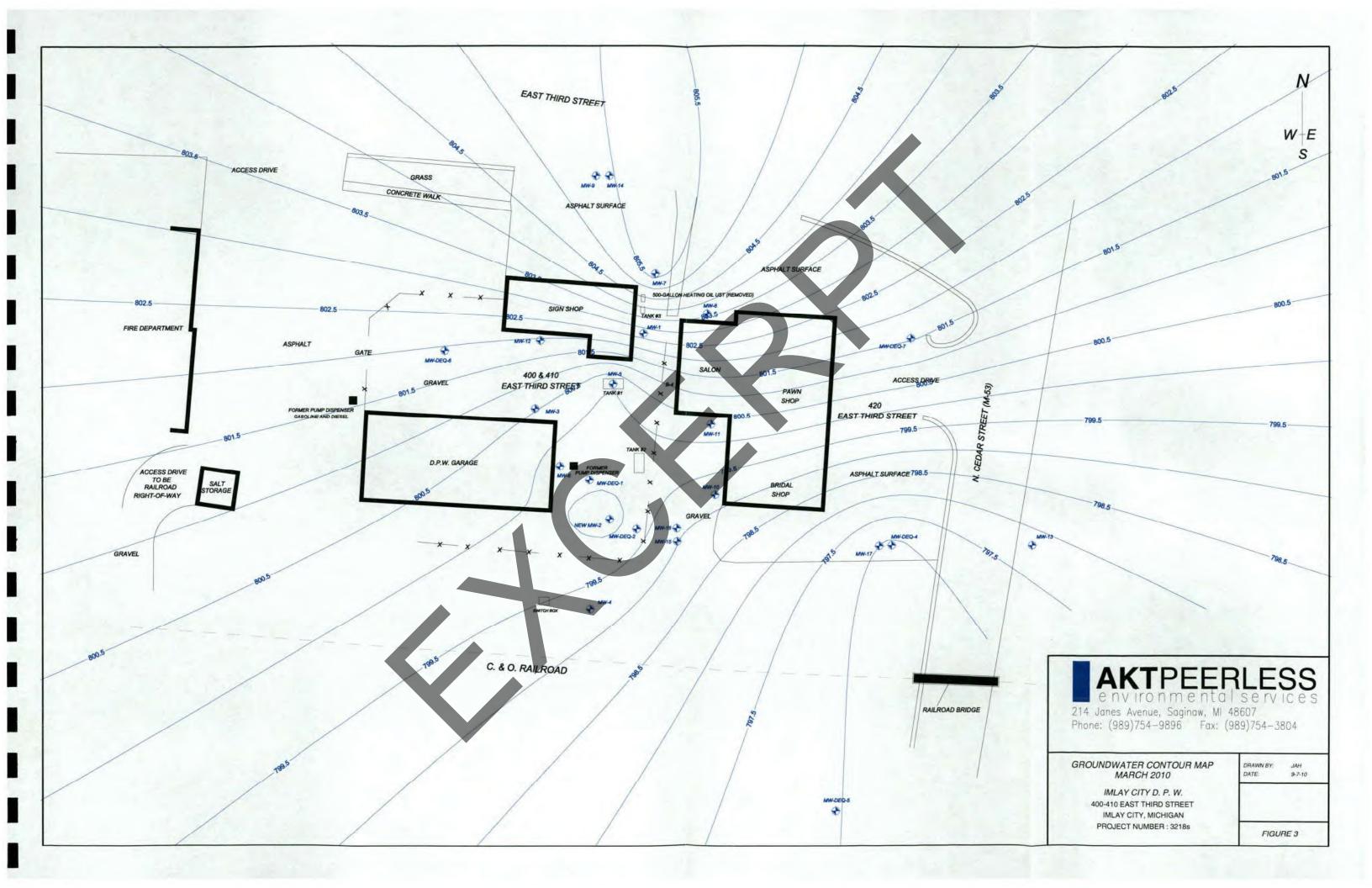
400-410 EAST THIRD STREET IMLAY CITY, MICHIGAN PROJECT NUMBER : 3218s DRAWING NUMBER : TOPO DATE:

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FIGURE 1





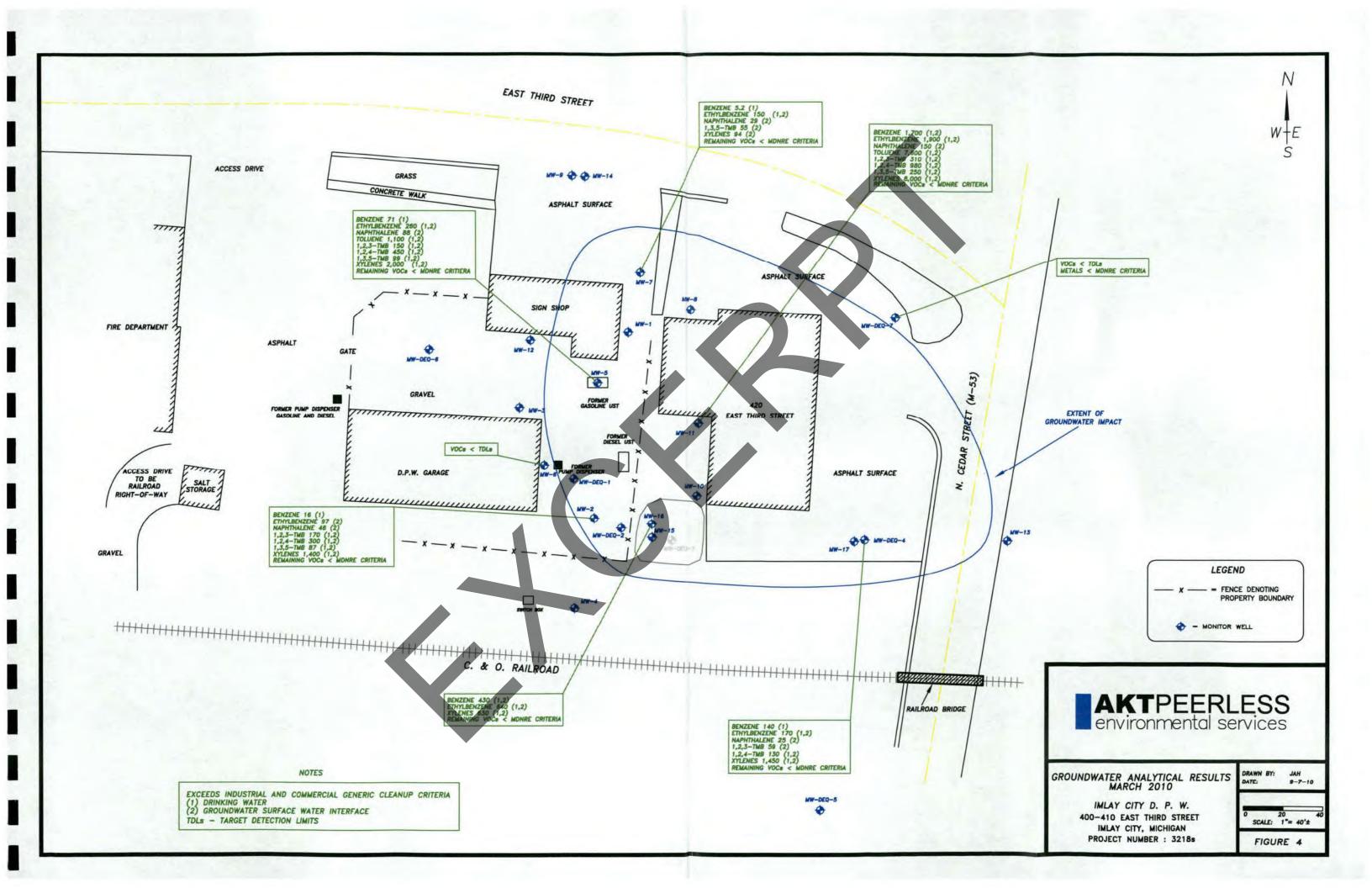




Table 1 **Groundwater Elevation Data**

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, MSL1)	(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	NA	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	
	Constitution of			· 量。為做74年		10		14. 4. 4. 4.
	1 5 MM 2 G		it of the			1 48	温 温温	All and the second seco
10 W 10 E		P10 05 0		25.0	ALTER CON	A CHIEF		
A	21 1985	567	27.0-27.6					Anna Carlo Car
MW-DEG-1	- rs/734 🛨	417.24		30.07			2 10/2	267
6W-050-7-			918003					Carry Carry
MW DAYS	"一副被 通过 ""	A ROSA		The state of the s		Service.	SE MX = 1	THESE
MW-080.1	T. 60 (1)				100	The state of	T SING	9.21

MSL = United States Geological Survey Mean Sea Lea

² BGS = Below Ground Surface

^{*}TOC = Top of Casing
NM = Not Measured
N/A = Not Applicable, No Free Product Encore Static Groundwater Levels Measured in March 2010



Sazamary of Groundstate: Analytical Results
Imlay City Department of Public Works 1
400 - 420 East Third Street
(Imlay City, Michigan
AKT Peerless Project No. 3218s

7	Chicago Inchis	112 200	43	**	15	
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		SAN HITCH SAN HITCH		5 mg an an a 7	MANAGED STATES &	The state of the s

(5)	Classical Charles	industricus Cunicumus II Wind IV	Greekaata Sertan Keta Intertus	Meditential and Communication C Communication Communication Policy Specifics in	demonstration of the contract	Greentanies Geologi	W ador	Fannality	Asses	Security Laboration	WW.6	X80.2,	NW-3	NW-7	HW DEQ 7	MW-198Q-4	MW-16	WW-15
(Refer to netalled laborators) report for method reference data)	Alabari Salah Remias	RBSLs	RBSLs	Criteria and	Inhalation Criteria and	Charles		Senesing Louis	ingelijker Sprinteg Loins	Depth	Wishing .	3/14/70:0	20000	3/55/2010	3/25/2016	W262916	3/2/2010	3/05/2510
				RBSLs	RBSLs										1000			
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)	and the same of the same of	<50	<50	<50	<50	<50	<50	<50	<50
Acrylosoltile (1)	107-13-1	11	4.9 (%)	34,000	1.9843	14,900	7,50E+7	5.495-6	one of the second		<2.0	Language CO	<3.0	42.0	(20	<2.6	(1)	
Bessesse (I)	71-43-2			5,500	35,000	11,000	1.75546	68,000	67,000		<1.0				<1.0			
Proceedings (I)	108-86-1	50	NA NA	Labos	3.983-5	12,000	4.13545	D	10		<1.0	1 <10	\$1.0	1 05	<1.0	(1)	<1.0	1.15
Bromochkeromediane	74.97-5			AND THE PARTY OF T		1770					61.9	<1.0	<1.0	4.0	<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
E-MAGNAGUE (SAKK) (I)	75-90-5	28/SPP	7.22	2.4(5.4% (8)	2.48249 (8)	2.65/2.(31%	BALLAR			Acres 1	(4) (4)	9.57 . 794		A=1 3500	1.7 833	e23	<23	<25
is Huly Designation	503-51-8	25.230 (12)	10	70	100 E	5,500	MA A			المركب الأجرار	<1.0	12			439	4.6 1	<1.0	£1.0
no-fedularions	135 98.4		D	(d) (d)	ID.	4,000	NA	A AST		5 T (T)	~ <1.0	3,0	5.4		×10	14 5	Clare	4.1
ter-Betylkenene (1)	94 (05 4	1 - 1 - 20 - 10	10	fit:	10.	0,000	NA	123			*1.0	<1.0	4.5	1 40	<10		Lauto Zon	(15 . 41.0
Carbon disulfish (1,8)	73-15-0	2300	10	2.5843	3.56-6	1.2E+6(S)	1.19846	13,000	ED		<5.0	0.0	1 30	da da	<.0	<5.0	11-1-35	€.0
Carlva Mackbrids	36-23-5	1 3.0 (A)	45 (X)	370	2.400	4,600	7.93E+5	A)	96,000		<1.6	1 <1.0	1 <1.0	<1.0	<1.0	<1.0	1 <1.0	(10
Chlorobecomos (i)	106-90-7	100 (A)	67	2.1863	4.7648 (8)	\$5,000	4.72543	1.6245	10	-2	<1.0	(1.0	1 <1.0	<1.0	<1.0	<1.0	<2.0	eld
(Streeting	73-00-3	1.780	iD	3.7E+6 (S)	5.7645 (S)	4.6845	4 740LA	1 18138	VO.	// -	3.0	50	<5.0	<50	d0	do do	450	-5.5
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	74-67-8 ± 95-88-2			8,600 2,25,45	3.78+5 (S)	THE RESERVE OF THE PERSON NAMED IN	-				لمانين بمساول	The state of the state of						
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(Managethair (i)	74-67-8 95-78-2 274-28-7-	1,100	ab .	8,600 2,25,45	3.78+5 (S)		* 8.588.6 °			200 300 11		/- do ⊹					40	ave a
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Table 2

Summary of Groundwater Analytical Results
Imlay City Department of Public Works
400 - 420 East Third Street Imlay City, Michigan

				AVT Posts		32185					n C			737	
Personagery*	Ledworkini and Groundwatz	Residence and Commercial ST	El Commission			Sample Location	B697-6	X11.2 (MW-5	MVV-7	WW-DEG-3	14W-DEQ-4	MW-16	MW-11	Selection of the last
Aberos	Missally Saladies	Valuation to Committees	Condent W	eter Permanability	Acute Voltables	Collector Flore	3/25/2010	400000	T/AADDANA	animen	OSEMANA.	Andress	antenn l	ancono	1

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Personagers*	Classical	ledunkini sed Commercial II	Greendwater Burlice Week	Redshoethi sest Conseveratel i Giovocimater	Debelor and Communical D III seat IV	Completes		D00		Sample Location	8697-6	MWZ	MW-3	MVV-7	MW-DEQ-7	NW-0EQ4	349-16	MW-11
4(Kefer to detailed laboratory	Abstract Service Number	IM heat IV brussing Faster Criteria and	Epiterijes Projecties Criteria and	V sincillosofies to lastract Ale bridge Section Criteria and	Coistableries Velecularities fo Velecularities fo Velecularities	Casters Criteria pad Roble	Water Selaker	Pleanmatikey and Explosivity Serveritty Level	Acute Inholesias Suriaday Leve		3/25/2010	ASSESSED	Menn	Magasy	30smolo	3262 200	3/24/2016	9/86/2010
report for method reference data)		RBSLs	RBSLs	RBSLs	Criteria and RBSLs					Depth					S. C. Line		12 11/11 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
lethyl-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
aghdakse	91-20-3	1.500	10	31.000 (\$)	31,000 (5)	31,000 (5)	31,000	NA S	31,000 (2)		c 5.0	.08		30	c5.0	122	7.9	1615
Propyibenieue (I)	103-65-1	230	/ 10	753	D	15,600	MA	A DOM	r- ID	N	<1.0	15	S 51	16.12 Jr.s	<1.0	18	2.5	180
iyasine A.	100-42-3	100 (A)	80	1.7545	3.1E+5 (5)	9,700	3,10845	1.45+5	3.15+5 (S)		<1.0	<1.8	1.7 . 62.7	d0	<1.0	<1.0	<1.0	6,9
1.12 Telephieresbase	630-20-6	230	n>(x)	15,000	96,000		1.10E+5	ID		MALEN AND PROPERTY.	<1.0	41.0	- ≺:,0 / -	<1.0.	<1.0	41.0	<1.0	<1.0
1,2,2-Terrechiocoshaps	79-34-3	35	78 (X)	12,690	77,000	4.700	1.97846	i id			<1.0	41.0	<5.0 ° / 6	Liber D.	<1.0	<1.0	<1,0	<1.0
eusklaredyjene	127-18-4	C.5016)	45 (X)	23,000	1772+3	12,000	2,08+5	13	1,454(1)		<14	<1.0	d,00	1200	±1,0	<1.0	0.0	<1.0
olucus (I)	(SE-98-)			5,3E+5 (6)	5,35,45 (S)	5.3E+5(8)	5,290,47	61.500			<1.6	130			<1.0	17	148	
La troduction production	7.790.62-10	Ja va (A)	$M = M_{\rm B}$	3.0880 (5) (b)	3 0745 (\$)	00001943131	3.000000			t		a socialist.	Park Charles	o San	1. C. C. O. C. C.	30.07		0.715
i (Printigrocusius - 1914)	14-85-6		- 1-900	0.6890	1.3E#6(0)	1,36(8)	1.33%/6		A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		STALL E	u Easte	17			10000	1.0	1. 1. 1. 1. 1.
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School and School Schoo	712431-67	E DIA)	MO(X)	15,000	\$ (1 (4))	72.00	(F) (I) M	10	// 1.		A	0.00		er conce		2010	ie statie	-1 (vin) -1
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Le Trimifal Seven (C				N - F F F			ally XIIII		2016			1.5	450	3=: E(1	40.9		TO W. D	We,
,3,5-Trimethythenzene (I)	108-67-8			61,000 (S)	61,000 (\$)	61,000 (\$)	61,150	ID ID	D		<1.0			4.9	<1.0	14	<1.0	
/inyl chloride	75-01-4	20(A)	15	1,100	13,000	1,000	2,76E+6	33,000	ъ,		<1.0	KI O	· da	<1.0	<1,9	<1.0	<4.0	<1.0
Kylenes (I)	1330-20-7			1.9E+5 (S)	1.9E+5 (S)	1.9E+5 (S)	1.86E+5	70,000	1.9E+5 (\$)		<3.0				<5.0			

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

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All results reported in ug/L

FD - Field Duplicate TB - Trip Blank

"-" indicates parameter not tested

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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

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

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

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All results reported in ug/L

FD - Field Duplicate

TB - Trip Blank

"-" indicates parameter not tested

Bold indicates concentration which exceeds MDEQ criteria

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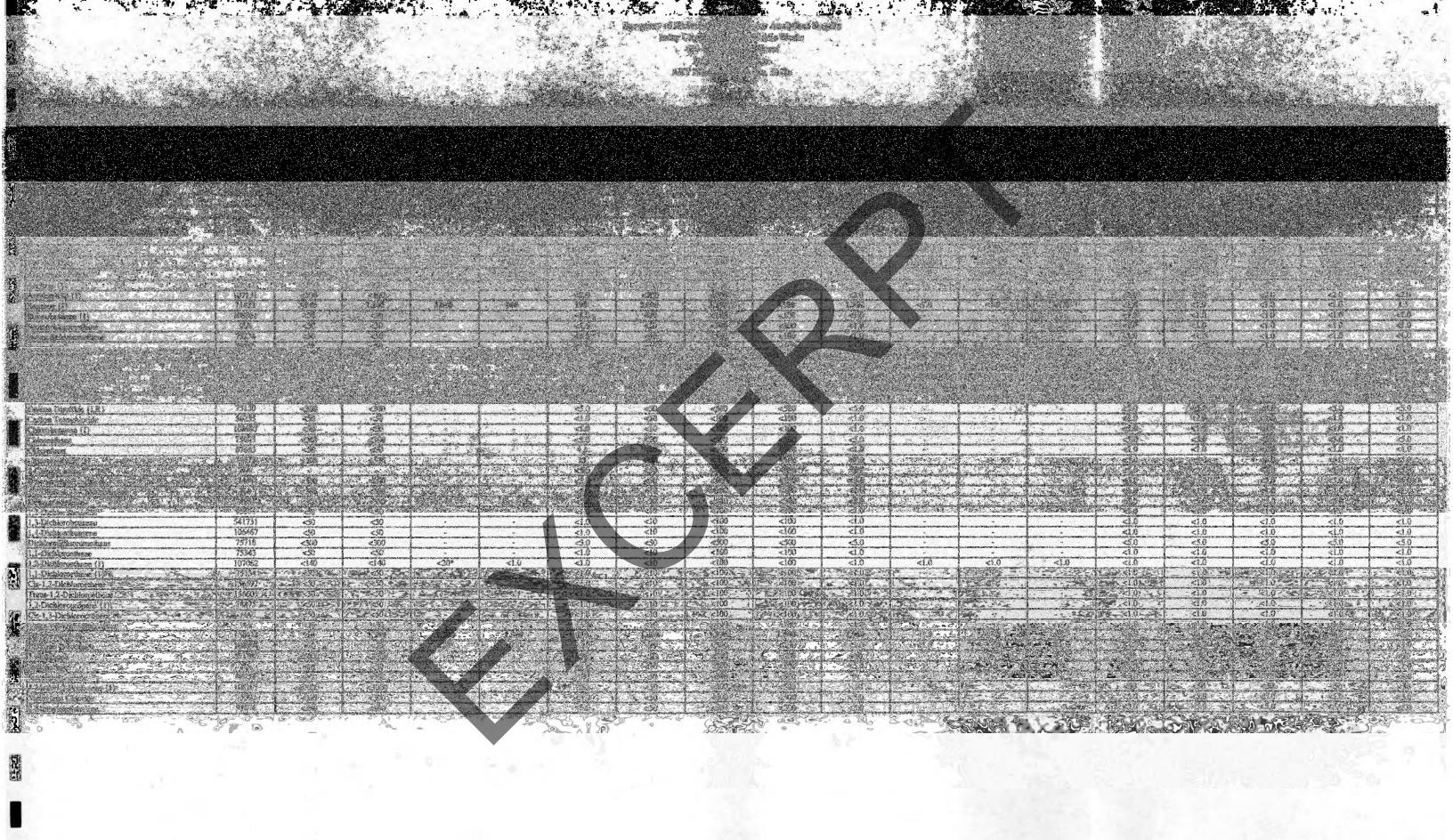
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Bold indicates concentration which exceeds MDEQ criteria

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

Mann S

Scientist

Dirk Mammen

Associate Vice President



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





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

ACT	
AST	Aboveground Storage Tank
AAI	All Appropriate Inquiry
AUL	Activity and Use Limitation
ACM	Asbestos-Containing Material
bgs	Below Ground Surface
BTEX BER	Benzene, Toluene, Ethylbenzene, and Xylenes
CESQG	Business Environmental Risk Conditionally Exempt Small Quantity Generator
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act 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
	Micrograms per Liter
μg/L 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



Executive Summary

1.0

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



>

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.



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



>

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.**



Purpose and Scope of Work 2.0

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 <u>1.2.2</u> and <u>Section 2.5</u> 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.



>

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





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 <u>Limitations and Exceptions</u>

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 <u>Limiting Conditions and Deviations</u>

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 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.





3.0 Subject Property and Vicinity Descriptions

Subject Property Characteristics 3.1

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
mstorical Address(cs)	Source: Fire Insurance Maps
Parcel Number(s)	Portion of Parcel #I19-59-100-000-00
r di cer i di iliber (5)	Source: Land Survey and BS&A Imlay City
Approximate Acreage	0.170 acres
a pp. commence con on go	Source: Land Survey
Owner Entity Name	Imlay City
	Source: BS&A Imlay City
	BUILDING INFORMATION
Number of Buildings	One
Date(s) of	~1920s (western portion) and ~1930s (eastern portion)
Construction	
Number of Floors	One
Size (square footage)	Approximately 2,300-square feet
Basement/Subgrade	Crawl space along northern wall of western portion; extent/size is
Area(s)	unknown.
Occupant(s)	Vacant
Property Use	Mostly vacant except for some Imlay City implement storage.
	UTILITY INFORMATION
Heating/Cooling	Natural gas
Source	
Potable Water Source	Municipal
Sewage Disposal	Municipal
Provider	
· ·	REGULATORY INFORMATION
Regulatory Database	Brownfields, ECHO, FINDS, Inventory, LUST, Part 201, RGA LUST, RGA Part
Listings	201, RCRA-VSQG, UST, & WDS
Activity and Use	None
Limitations (AULs)	News
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).

Vicinity Characteristics 3.2

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

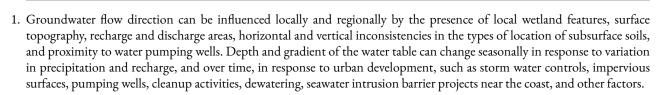
Refer to Section 6.0 for a discussion of regulatory database listings.

Physical Setting 3.3

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 five and 18 feet below ground surface.			
	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -			





User Provided Information 4.0

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?	0	•	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? Do you have any specialized knowledge or			Date of search: Not provided
experience related to the property or nearby properties?	0	~	Not applicable (leave entire)
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	0	0	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?	>	0	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?	>	0	Presence of numerous monitoring wells

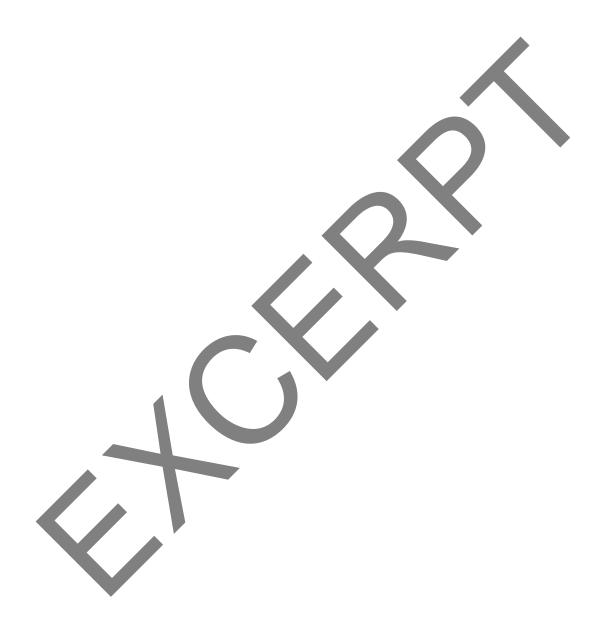
Any prior environmental reports provided by the User have been summarized in Section 5.4.

^{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.





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.

	Aerial	Topographic	Fire Insurance	
Dates	Photographs	Maps	Maps	City Directories
No Coverage				
Prior to 1940	✓		~	
1940 - 1945	✓			
1946 - 1950	0			
1951 - 1955			✓	
1956 - 1960	~			
1961 - 1965	✓	~		
1966 - 1970	4 0			
1971 - 1975				✓
1976 - 1980	~		0	✓
1981 - 1985 🥒	~		0	✓
1986 - 1990	~			✓
1991 - 1995				✓
1996 - 2000	~			✓
2001 - 2005	O			✓
2006 - 2010	▲ ' ✓	0	0	✓
2011 - 2015	✓	✓	0	✓
2016 - 2020	~	✓	0	✓
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 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.





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.	
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 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	





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



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).





Regulatory Database Review 6.0

Database Finding Summary 6.1

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.

ch Distance
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 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

	Search	Target	Within	0.12mi to	0.25mi to	0.50mi to	
Database	Radius	Property	0.12mi	0.25mi	0.50mi	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
BROWNFIE LDS	0.500	1	0	0	0	NR	1
DRYCLEAN ERS	0.250	0	0	2	NR	NR	2
ECHO	0.001	1	0	NR	NR	NR	1
EDR Hist Auto	0.125	0	2	MR	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-VSQ G	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

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		Inventory, LUST, RGA LUST, UST, & WDS
400 & 410 East Third Street		Brownfields, Part 201, & RGA Part 201
City of Imlay		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





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.



7.0 Regulatory Agency Records Review

State Environmental Agency 7.1

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
	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	
	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 <u>Section 5.4</u> .	

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.





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.

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

2007 BEA (EAST ADJOINING - SCHOENHALS MOTOR SALES INC)	
	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.



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.



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).



10.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW				
Site Reconnaissance	June 17, 2022			
Date:				
ECT Assessor(s) Name	Ms. Maura Gibbons - Scientist			
& Title:				
Escort & Relationship	Ms. Lorrelei Natke - Director of Imlay City Downtown Development			
to Property:	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	A railroad easement is located approximately 100 feet to the south.			
Corridors:				
Exterior Storage	Imlay City implement storage to the west of the structure, including traffic			
Areas:	barricades and fence posts.			
Surface Water:	None			

Subject Property Reconnaissance Summary 10.1

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.



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	0	✓
Drains, Sumps, Clarifiers, or Pools of Liquid	>	
Electrical or Hydraulic Equipment Likely to Contain Fluids		✓
Staining or Stressed Vegetation	9	✓
Pits, Ponds, Ditches, Streams, or Lagoons	Ó	~
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.



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

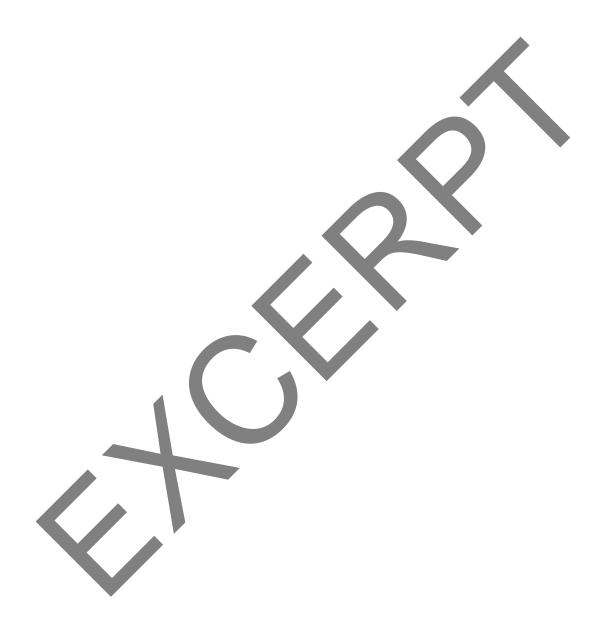
Associate Vice President

Environmental Professional



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.





13.0 References

	PUBLICATION OR	
REFERENCED ITEM OR AGENCY	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



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



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
	Jhn Kenny	Juliuf Him
Signature		Signature
	November 9, 2022	November 9, 2022
Date		Date



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Figure 1 Sample Locations

Figure 2 Soil Analytical Results

Figure 3 Groundwater Analytical Results

Figure 4 Soil Gas Analytical Results

Tables

Table 1 Soil Analytical Summary

Table 2 Groundwater Analytical Summary

Table 3 Soil Gas Analytical Summary

Appendices

Appendix A Soil Boring Logs

Appendix B Groundwater Low-Flow Stabilization Logs

Appendix C Soil Gas Sampling Logs

Appendix D Laboratory Analytical Reports



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/m³ micrograms per cubic meter

VIAP Volatilization to Indoor Air Pathway
VOC volatile organic compound



Introduction

1.0

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.





2.0 Background Information

2.1 <u>Site Description</u>

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:

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 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:

Activity	Method or Guidance
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.



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 <u>Analytical Laboratory Testing Summary</u>

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:



Sample ID	Areas of Interest	Media	VOCs Method 8260	PAHs Method 8270	MI Ten Metals Method 6020/7470	VOCs Method TO-15
SB-1	REC #1 Trench/floor drain	Soil	1	1	1	0
SB-2	REC # 1 Treffer#floor drain	Soil	1	1	1	0
SB-3	REC #2 Former USTs	Soil	1	0	0	0
TMW-3	NEC #2101111e1 0313	Groundwater	1	0	0	0
SB-4	REC #2 Former UST #1	Soil	1	0	0	0
TMW-4	NEC #210IIIIei 031 #1	Groundwater	1	0	0	0
SB-5	REC #2 Former USTs	Soil	1	0	0	0
TMW-5	NEC #210111161 0313	Groundwater	0	0	0	0
SB-6	REC #2 Former heating oil UST	Soil	1	1	0	0
TMW-6	NEC #2101111el Heating Oil 031	Groundwater	1	1	0	0
VP-1		Soil Gas	0	0	0	1
VP-2	REC #1 and REC #2	Soil Gas	0	0	0	1
VP-3	NEC #1 allu NEC #2	Soil Gas	0	0	0	1
VP-4		Soil Gas	0	0	0	1
TB005475	QA/QC Trip Blank	Water	1	0	0	0





4.0 Results

The following sections discuss the results of the Phase II ESA.

4.1 <u>Soil Lithology and Hydrogeology</u>

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:



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.

<u>Metals</u>

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.



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.



- 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.



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:

<u>Soil</u>

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.



References

6.0

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.



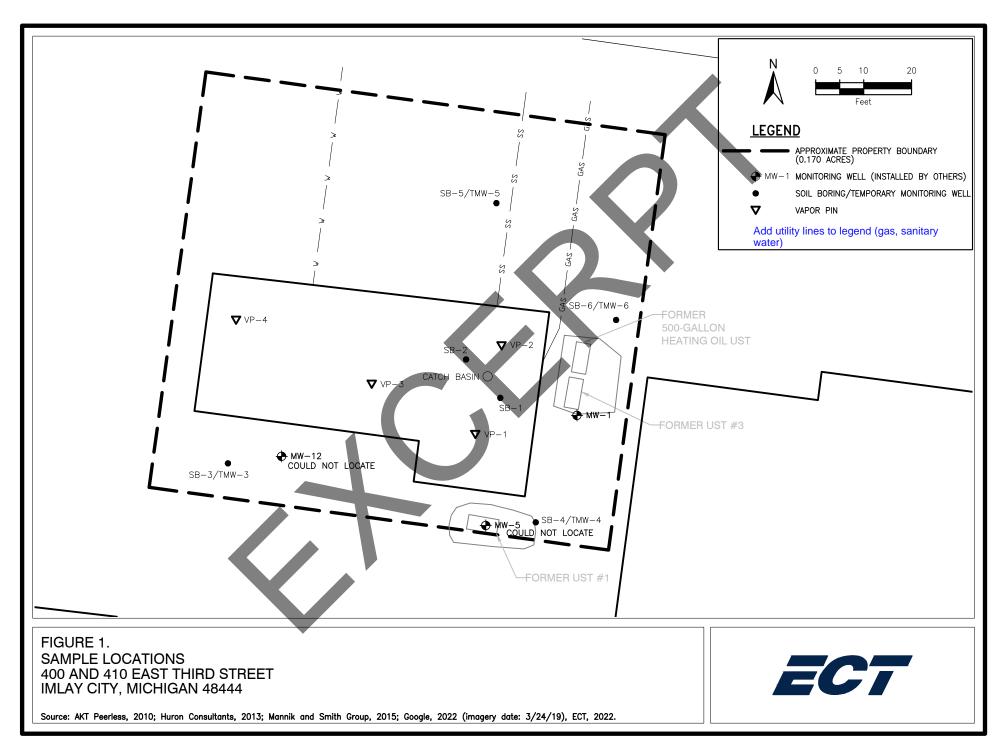


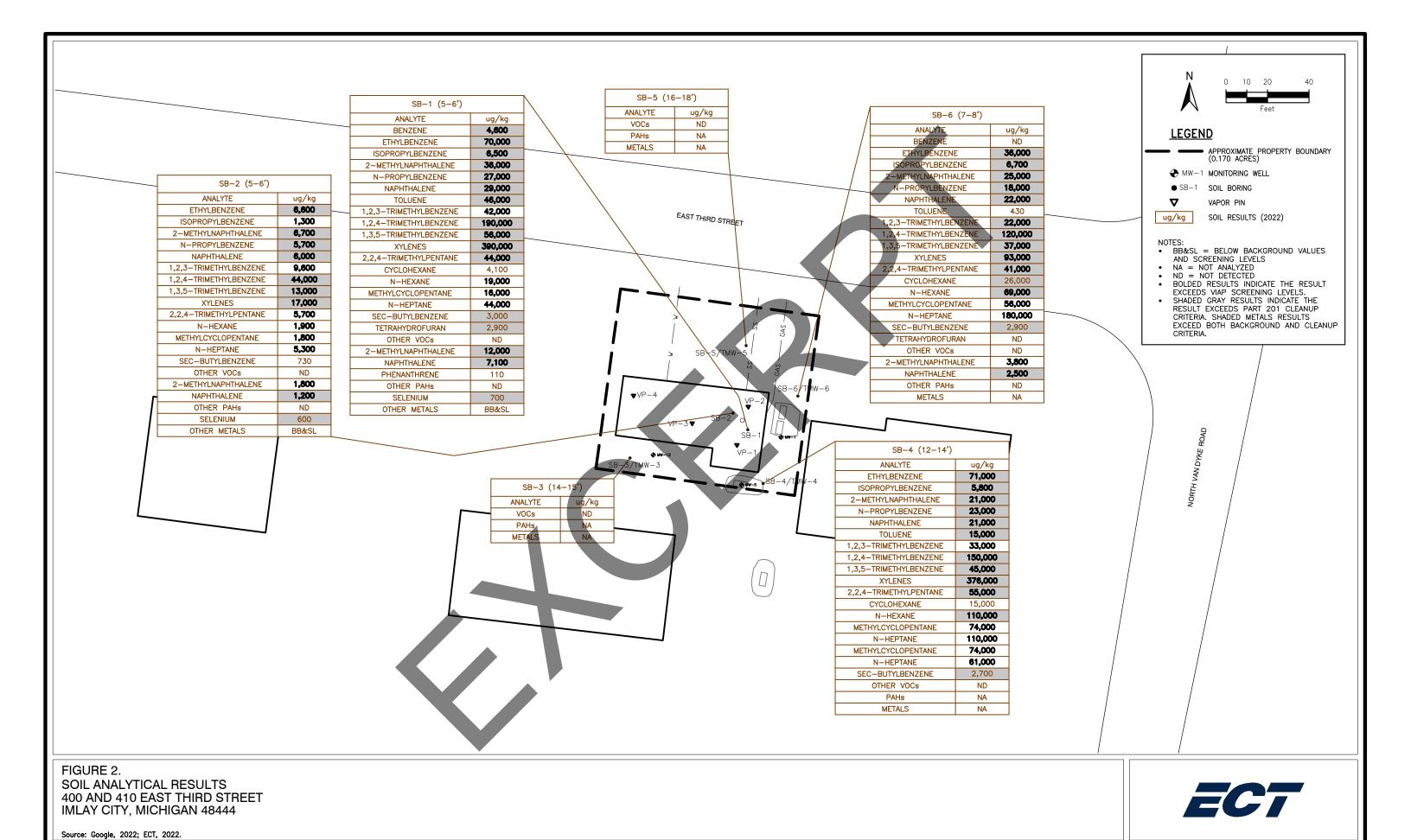


Figures







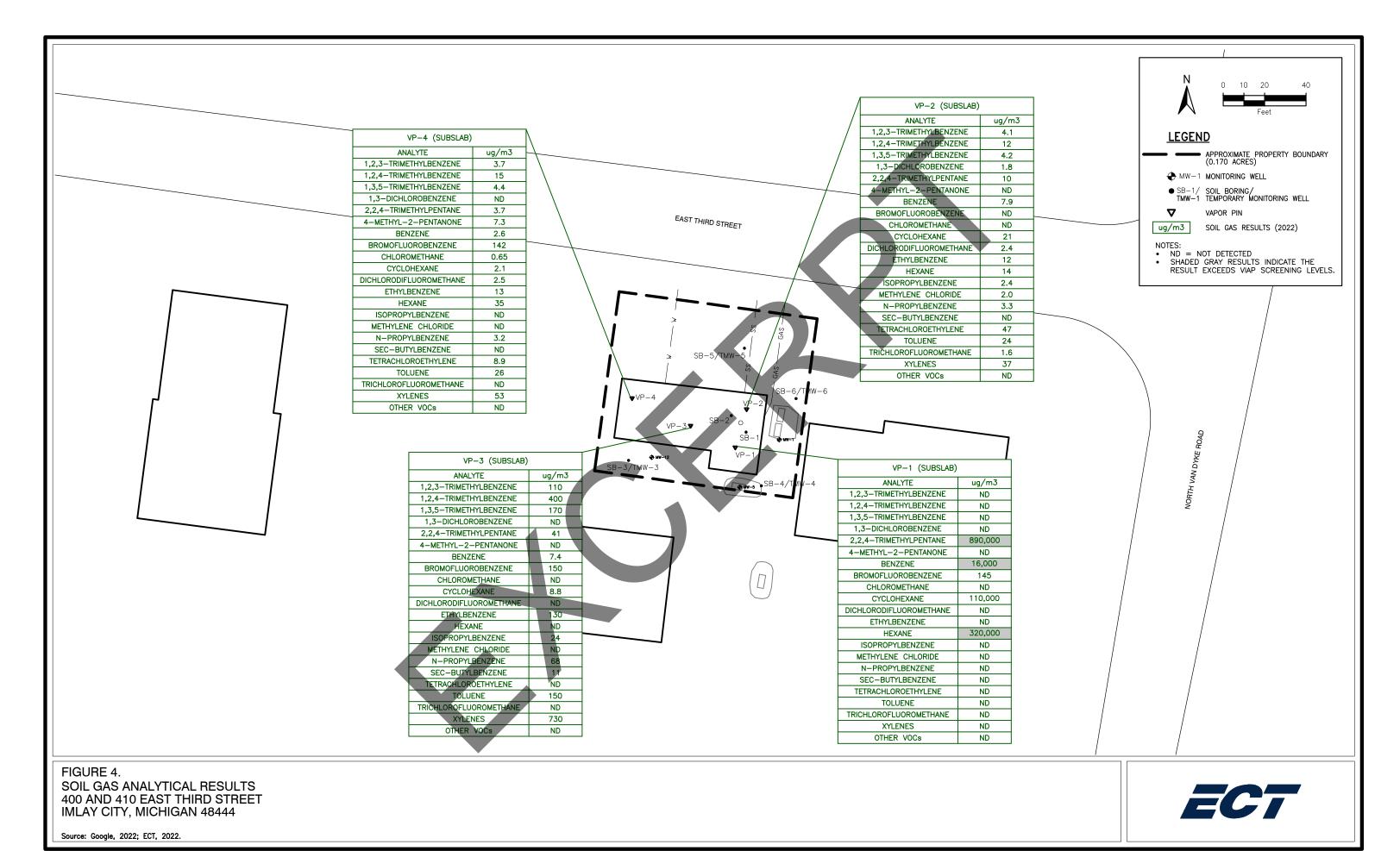




GROUNDWATER ANALYTICAL RESULTS
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: Google, 2022; ECT, 2022.





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John Kennedy 11/7/2022 12:11:01 PM

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Tables





Table 1. Soil Analytical Summary 400 and 410 East Third Street, Imlay City, MI

Cleanup Criteria: Residential/Nonresidential

	1		1																		
		Statewide		Part 201 CI	leanup Criteria (Jun	e 2018)			(2020)	Sample Locations (and Depths) Historical Soil Results (2011 to 2015) ECT 2022											
	Chemical Abstract	Default	Drinking Water		Residential Soil Volatilization	Infinite Source		Residential	Nonres	HSB-B (14-15')	HSB-D (1-3')	HSB-H (5-6')	SB-01 (11')	SB-04 (15')	SB-1 (5-6)	SB-2 (5-6)	SB-3 (14-15')	SB-4 (12-14')	SB-5 (16-18')	SB-6 (7-8') SI	B-1 DUP (5-6')
	Service Numbers	Background	Protection	GSI Protection	to Indoor Air	Volatile Soil	Direct Contact	Screening	Screening	HC	HC	HC	MSG	MSG.	ECT	ECT	ECT	ECT	ECT ECT	ECT	ECT
		Levels	Criteria	Criteria	Inhalation	Inhalation	Criteria	Levels	Levels	2/6/11	2/16/11	10/25/11	7/14/15	7/14/15	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22
VOC, ug/kg - Method 8260M,	8260		Criteria		minalation	IIIIIaiatioii				2/0/11	2710711	10/23/11	771-113	77.1-11.13	0/10/22	0/10/22	0/10/22	0/10/22	GITOIZZ	0/10/22	0/10/22
Benzene	71432	NA	100	240	1,600	13,000	180,000	1.7	47	nd	96	nc	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	no	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	nc	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	no	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	nc	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	no	UNK	660	29,000	6,000	<400	21,000	<300	22,000	34,000
Toluene	108883 526738	NA NA	16,000 NA	5,400 NA	330,000 NA	2,800,000 NA	50,000,000	3,700 270	64,000 4,800	200 1,100	970 770	no	1,100	UNK 1,400	46,000 42,000	<600 9,600	<79 <79	15,000 33,000	<60 <60	430 22,000	51,000
1,2,3-Trimethylbenzene	95636	NA NA	2,100	570	4,300,000	21,000,000	NA 32,000,000	150	2,600		2,400	no	3,300	UNK	190,000	44,000	<79 <79	150,000	<60	120,000	48,000 220,000
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	108678	NA NA	1,800	1,100	2,600,000	16,000,000	32,000,000	100	1,800	3,700 1,400	2,400	nc		UNK	56,000	13,000	<79 <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	no	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 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 142825	NA NA	ID 46.000.000	NA NA	92,000 1,500,000	2,300,000 21,000,000	ID 990,000,000	29 130	510 2.300	na	na	na na	na	na na	16,000 44,000	1,800 5,300	<79 <79	74,000 61.000	<60 <60	56,000 180.000	17,000 43,000
n-Heptane sec-Butylbenzene	135988	NA NA	1,600	ID	1,300,000 ID	21,000,000 ID	2,500,000	3,800	66,000	na	na	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	no	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	no	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	no	d 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	no	d 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	no	d nd	nd	<110	<110	na	na	na	<110	<110
Benzo(a)pyrene	50328	NA	NLL	NLL	NLV	NLV	2,000	NA	NA	nd	nd	no	d nd	nd	<220	<220	na	na	na	<220	<220
Benzo(b)fluoranthene	205992	NA	NLL	NLL	ID	ID	20,000	NA	NA	nd	nd	no	d 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	no	d nd	nd	<220	<220	na	na	na	<220	<220
Benzo(k)fluoranthene	207089	NA	NLL	NLL	NLV	NLV	200,000	NA	NA NA	nd	nd	no	d nd	nd	<220	<220	na	na	na	<220	<220
Chrysene	218019	NA	NLL	NLL	ID	ID	2,000,000	NA	NA	nd	nd	no	d 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	no	d 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	no	d 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	no	d 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	no	d 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	no	d 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	no	d 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	no	d nd	nd	<110	<110	na	na	na	<110	<110
						4															
Total Metals, ug/kg - Method																					
Arsenic	7440382	5,800	4,600	4,600	NLV	NLV	7,600	NA	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	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	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	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	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	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	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	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	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	na	34,000	26,000	na	na	na	na	na
							l														

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 of

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

Table 2. Groundwater Analytical Summary 400 and 410 East Third Street, Imlay City, MI

Matrix: Groundwater

Cleanup Criteria: Residential/Nonresidential

	Cl	Part 201 Criteria (August 2020)		VIAP (2020)				Sample Locations												
	Chemical	Residential	Res/Nonres	Residential	Resid	dential	Nonre	sidential		Histori	cal Ground	water Resul	lts (2010 to	2012)				ECT 2022		
	Abstract			Groundwater					MW-5	MW-7	MW-1	MW-5	MW-12	MW-D	MW-H	MW-1	TMW-3	TMW-4	TMW-6	TMW-6
	Service	Drinking Water	GSI Criteria	Volatization to	Shallow	Groundwater	Shallow	Groundwater	AKT	AKT	НС	HC	НС	HC	НС	(10-15')	(15-20')	(15-20')	(13-18')	(13-18')
	Numbers	Criteria		Indoor Air	Groundwater	Not in Contact	Groundwater	Not in Contact	3/26/10	3/26/10	7/5/12	7/5/12	7/6/12	7/5/12	7/5/12	8/16/22	8/16/22	8/16/22	8/16/22	8/16/22
VOC, ug/l - Method 8260																	5	0		
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		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	<5.0		<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	<5.0		<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	<20		<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		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		<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		<1.0	<1.0	<1.0
Methylcyclopentane	96377	ID	NA	22,000	30	93	950	950	na	_		na	na	na	na	<1.0		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		<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		<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		<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		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	<1.0	<1.0
Acenaphthylene	208968	52	ID	3,900	65	65	710	710	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	<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	<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	na		na	<1.0	<1.0
Benzo(b)fluoranthene	205992	1.5	ID	ID	NA	NA	NΔ	NA	na	na		na	na	na	na	na	na	na	<1.0	<1.0
							NIA													
Benzo(g,h,i)perylene	191242	1.0	ID	NLV	NA	NA	INA	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	<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	<2.0	<2.0
Naphthalene	91203	520	11	31,000	4	130	12	300	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	<1.0	<1.0
			10	1,000	140				_	-			_							
Pyrene	129000	140	וט	140	140	140	140	140	na	na	na	na	na	na	na	na	na	na	<1.0	<1.0
					<u> </u>															

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



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	VIAP Screening	Levels (09-2020)	Sample Locations (and Depths)					
	Abstract	Residential	Nonresidential	VP-1	VP-2	VP-3	VP-4		
	Service	Soil	Soil	(subslab)	(subslab)	(subslab)	(subslab)		
	Numbers	Vapor	Vapor	8/16/22	8/16/22	8/16/22	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



Appendix G

Regulatory Database Report



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

Inquiry Number: 7339396.2s

May 17, 2023

The EDR Radius Map™ Report with GeoCheck®



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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

400 EAST THIRD STREET IMLAY CITY, MI 48444

COORDINATES

Latitude (North): 43.0237230 - 43° 1' 25.40" Longitude (West): 83.0724650 - 83° 4' 20.87"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 331134.4 UTM Y (Meters): 4765318.5

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: 20140711, 20140721

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 3RD ST	LUST, UST, INVENTORY, WDS		TP
A2	400 & 410 EAST THIRD	400 & 410 E. THIRD S	RGA PART 201		TP
A3	CITY OF IMLAY CITY	410 E 3RD ST	WDS		TP
A4	CITY OF IMLAY	400 E 3RD ST	RCRA-VSQG, FINDS, ECHO		TP
A5	CITY OF IMLAY CITY/P	400 E 3RD ST	RGA LUST		TP
A6	400 & 410 EAST THIRD	400 & 410 E. THIRD S	BROWNFIELDS, PART 201		TP
A7	CITY OF IMLAY CITY/P	400 E THIRD ST	RGA LUST		TP
A8	IMLAY CITY. DEPT OF	400 EAST THIRD STREE	INVENTORY		TP
A9	420 EAST THIRD STREE	420 EAST THIRD STREE	BEA	Higher	1 ft.
A10	SCHOENHALS MOTOR SAL	420 E THIRD ST	EDR Hist Auto	Higher	1 ft.
B11	TOTAL BULK PLANT #05	110 N CEDAR ST	LUST, UST, INVENTORY, BEA	Higher	228, 0.043, East
B12	TOTAL BULK PLANT #05	100 NORTH CEDAR	AUL	Higher	245, 0.046, East
B13	IMLAY CITY OIL	100 N CEDAR ST	AST	Higher	245, 0.046, East
B14	TOTAL PETROLEUM (NOR	100 N CEDAR ST	AUL, AIRS, WDS	Higher	245, 0.046, East
B15	TOTAL PETROLEUM (NOR	100 N CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	245, 0.046, East
C16	JER EQUIPMENT	379 E 2ND ST	AST	Higher	301, 0.057, South
C17	18 NORTH CEDAR STREE	18 NORTH CEDAR STREE	INVENTORY, BEA	Higher	345, 0.065, SSE
D18	325 EAST SECOND STRE	325 EAST SECOND STRE	INVENTORY, BEA	Higher	403, 0.076, SW
D19	MOLD MASTERS CO	325 E 2ND ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	403, 0.076, SW
D20	DTE ENERGY/MICH CON	255 E 2ND ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	415, 0.079, SW
E21	GREEN ELDEN JAMES	150 N CEDAR ST	EDR Hist Auto	Lower	466, 0.088, NE
E22	E J GREEN	150 N CEDAR ST	LUST, UST, AUL, INVENTORY, BEA, WDS	Lower	466, 0.088, NE
F23	FORMER QUALITY TOWIN	120 N MAIN ST	LUST, UST, INVENTORY, BEA	Higher	483, 0.091, WNW
F24	THE COUNTRY CORNER	244 E 3RD ST	UST	Higher	575, 0.109, West
D25	300 E SECOND STREET	300 E SECOND STREET	BEA	Higher	589, 0.112, SW
E26	172 NORTH CEDAR STRE	172 NORTH CEDAR STRE	INVENTORY, BEA	Higher	620, 0.117, NE
G27	AUTOZONE INC	225 S CEDAR ST	RCRA-VSQG	Higher	656, 0.124, SSE
G28	THERMOGAS CO	225 S CEDAR ST	AST	Higher	656, 0.124, SSE
H29	ARTPLACE CLEANERS	213 E THIRD ST	INVENTORY, DRYCLEANERS, WDS	Higher	788, 0.149, WNW
H30	ARTPLACE CLEANERS	213 E THIRD ST	RCRA-VSQG, FINDS, ECHO	Higher	788, 0.149, WNW
l31	SPEEDWAY #8391	310 CEDAR ST	LUST, UST, INVENTORY, Financial Assurance	Higher	860, 0.163, South
l32	SPEEDWAY LLC	310 S CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	917, 0.174, South
133	SPEEDWAY SUPERAMERIC	310 S CEDAR STREET	AUL, AIRS, WDS	Higher	917, 0.174, South
J34	MI DEPT/AGRICULTURE	140 E 2ND ST	INVENTORY, BEA, WDS	Higher	954, 0.181, WSW
J35	MI DEPT/AGRICULTURE	140 E 2ND ST	RCRA NonGen / NLR	Higher	954, 0.181, WSW
J36	LAPEER COUNTY CO-OP	140 E 2ND ST	UST	Higher	954, 0.181, WSW
H37	COLES CLEANERS INC	144 E 3RD ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	993, 0.188, West
H38	CLOTHES BASKET CLEAN	144 EAST THIRD STREE	DRYCLEANERS	Higher	993, 0.188, West
H39	144 E 3RD STREET	144 E 3RD STREET	INVENTORY, WDS	Higher	993, 0.188, West

MAPPED SITES SUMMARY

Target Property Address: 400 EAST THIRD STREET IMLAY CITY, MI 48444

Click on Map ID to see full detail.

MAP	OITE NIAME	ADDDECO	DATABAGE ACRONIVAC	RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
140	GTE NORTH, INC	311 S CEDAR ST	LUST, UST, WDS	Higher	1027, 0.195, South
I41	VERIZON NORTH INC	311 S CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	1027, 0.195, South
142	DODGE CS AND SON AND	320 S CEDAR ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1065, 0.202, South
K43	STYLE TECH'S	101 E THIRD ST	RCRA-VSQG	Higher	1247, 0.236, WNW
44	GTE NORTH INC	155 E 4TH ST	UST	Higher	1266, 0.240, NW
45	AMERIGAS EAGLE	600 E 1ST ST	AST	Lower	1290, 0.244, ESE
46	COUNTRY CORNER	345 N CEDAR ST	LUST	Higher	1401, 0.265, North
K47	W NEIL SPINK DDS	110 W 3RD ST	LUST, UST	Higher	1425, 0.270, WNW
48	PELINE PROPERTY / MC	587 S CEDAR ST	LUST, UST, INVENTORY, BEA	Higher	2189, 0.415, South
49	QWIK STOP #7	557 N CEDAR ST	LUST, UST, INVENTORY, BEA, WDS	Higher	2242, 0.425, North
L50	IMLAY QUICKMART INC	546 N CEDAR ST	INVENTORY, BEA, Financial Assurance	Higher	2283, 0.432, NNE
L51	IMLAY QUICKMART INC	546 N CEDAR ST	LUST, UST, WDS	Higher	2283, 0.432, NNE
L52	EZ QUICK MART INC #1	546 NORTH CEDAR	AUL	Higher	2283, 0.432, NNE
53	430 EAST CAPAC ROAD	430 EAST CAPAC ROAD	INVENTORY, BEA	Higher	2409, 0.456, North
54	SOUTH CEDAR STEEL	599 S CEDAR ST	LUST, UST, RCRA NonGen / NLR, FINDS, ECHO, AIRS,.	Higher	2440, 0.462, SSE
55	PARSCH AUTOMOTIVE	314 CAPAC RD	LUST, UST, INVENTORY, Financial Assurance	Higher	2448, 0.464, NNW
56	611 INDUSTRIAL PARKW	611 INDUSTRIAL PARKW	INVENTORY, PART 201, BEA, NPDES, WDS	Lower	2911, 0.551, 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 3RD ST IMLAY CITY, MI 48444	LUST Release Status: Open Substance Release: Gasoline Substance Release: Diesel,Gasoline Facility ld: 14763 Facility ld: 00014763	N/A
	UST Database: UST, Date of Government Version: 11/30/2022 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00014763	
	INVENTORY Facility ID: 14763	
	WDS Site Id: MIR000047290 WMD Id: 413877	
400 & 410 EAST THIRD 400 & 410 E. THIRD S IMLAY CITY, MI	RGA PART 201 Facility ID: 4400010 Facility ID: 44000109	N/A
CITY OF IMLAY CITY 410 E 3RD ST IMLAY CITY, MI 48444	WDS Site Id: MIG000041081 WMD Id: 417557	N/A
CITY OF IMLAY 400 E 3RD ST IMLAY CITY, MI 48444	RCRA-VSQG EPA ID:: MIR000047290 FINDS Registry ID:: 110006413185 ECHO	MIR000047290
CITY OF IMLAY CITY/P 400 E 3RD ST IMLAY CITY, MI	Registry ID: 110006413185 RGA LUST Facility ID: 00014763 Facility ID: 14763	N/A
400 & 410 EAST THIRD 400 & 410 E. THIRD S IMLAY CITY, MI 48444	BROWNFIELDS Database: BROWNFIELDS, Date of Government Version: 0	N/A 18/25/2022

Ernie Id Number: 44000109

PART 201

Facility Status: See Leaking Underground Storage Tank Site Database

Facility ID: 44000109

CITY OF IMLAY CITY/P 400 E THIRD ST IMLAY CITY, MI RGA LUST

N/A

Facility ID: 0-014763

IMLAY CITY. DEPT OF 400 EAST THIRD STREE IMLAY CITY, MI 48444 INVENTORY Facility ID: 44000046 N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List

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

NPL LIENS..... 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

Lists of Federal RCRA gene	erators
	RCRA - Large Quantity Generators RCRA - Small Quantity Generators
Federal institutional control	ls / engineering controls registries
US ENG CONTROLS	Land Use Control Information System Engineering Controls Sites List Institutional Controls Sites List
Federal ERNS list	
ERNS	Emergency Response Notification System
Lists of state- and tribal haz	zardous 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 land	ffills and solid waste disposal facilities
SWF/LF	Solid Waste Facilities Database
Lists of state and tribal leak	ting storage tanks
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
Lists of state and tribal regi	stered storage tanks
	Underground Storage Tank Listing Underground Storage Tanks on Indian Land
Lists of state and tribal volu	ıntary cleanup sites
INDIAN VCP	Voluntary Cleanup Priority Listing
ADDITIONAL ENVIRONMENTAL	L RECORDS
Local Brownfield lists	
US BROWNFIELDS	A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facilities

HIST LF..... Inactive Solid Waste Facilities

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

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

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

UXO...... Unexploded Ordnance Sites

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 RCRA MANIFEST PFAS Transfers Identified In the RCRA Database 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

ASBESTOS..... ASBESTOS

COAL ASH...... Coal Ash Disposal Sites

Financial Assurance Information Listing

PFAS TRIS..... List of PFAS Added to the TRI MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR Hist Cleaner.... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA 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

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 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 (0.046 mi.)	B15	27
AUTOZONE INC EPA ID:: MIK677543514	225 S CEDAR ST	SSE 0 - 1/8 (0.124 mi.)	G27	58
ARTPLACE CLEANERS EPA ID:: MID017143959	213 E THIRD ST	WNW 1/8 - 1/4 (0.149 mi.)	H30	62
SPEEDWAY LLC EPA ID:: MI0000961854	310 S CEDAR ST	S 1/8 - 1/4 (0.174 mi.)	<i>1</i> 32	<i>7</i> 5
VERIZON NORTH INC EPA ID:: MID124231481	311 S CEDAR ST	S 1/8 - 1/4 (0.195 mi.)	I41	92
STYLE TECH'S EPA ID:: MIK174921930	101 E THIRD ST	WNW 1/8 - 1/4 (0.236 mi.)	K43	100

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 02/13/2023 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.)	B11	18
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.)	F23	52
SPEEDWAY #8391 Release Status: Open Facility Id: 00000901 Facility Id: 901	310 CEDAR ST	S 1/8 - 1/4 (0.163 mi.)	I31	66
GTE NORTH, INC Release Status: Closed	311 S CEDAR ST	S 1/8 - 1/4 (0.195 mi.)	140	89

Substance Release: Gasoline Facility Id: 11214 Facility Id: 00011214				
COUNTRY CORNER Release Status: Closed Facility Id: 50000104	345 N CEDAR ST	N 1/4 - 1/2 (0.265 mi.)	46	104
W NEIL SPINK DDS Release Status: Closed Substance Release: Used Oil Facility Id: 41744 Facility Id: 00041744	110 W 3RD ST	WNW 1/4 - 1/2 (0.270 mi.)	K47	105
PELINE PROPERTY / MC Release Status: Open Substance Release: Unknown Facility Id: 36390 Facility Id: 00036390	587 S CEDAR ST	S 1/4 - 1/2 (0.415 mi.)	48	108
QWIK STOP #7 Release Status: Open Facility Id: 16549 Facility Id: 00016549	557 N CEDAR ST	N 1/4 - 1/2 (0.425 mi.)	49	110
IMLAY QUICKMART INC Release Status: Closed Substance Release: Gasoline Facility Id: 10667 Facility Id: 00010667	546 N CEDAR ST	NNE 1/4 - 1/2 (0.432 mi.)	L51	120
SOUTH CEDAR STEEL Release Status: Closed Substance Release: Unknown Facility Id: 37934 Facility Id: 00037934	599 S CEDAR ST	SSE 1/4 - 1/2 (0.462 mi.)	54	128
PARSCH AUTOMOTIVE Release Status: Closed Substance Release: Gasoline Facility Id: 18276 Facility Id: 00018276	314 CAPAC RD	NNW 1/4 - 1/2 (0.464 mi.)	55	159
Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN Release Status: Open Substance Release: Unknown Substance Release: Diesel	150 N CEDAR ST	NE 0 - 1/8 (0.088 mi.)	E22	41

Lists of state and tribal registered storage tanks

Facility Id: 00017772 Facility Id: 17772

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 Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00010659	110 N CEDAR ST Version: 11/30/2022	E 0 - 1/8 (0.043 mi.)	B11	18
FORMER QUALITY TOWIN Database: UST, Date of Government Tank Status: Closed in Ground Facility Type: CLOSED Facility Id: 00041746	120 N MAIN ST Version: 11/30/2022	WNW 0 - 1/8 (0.091 mi.)	F23	52
THE COUNTRY CORNER Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00021117	244 E 3RD ST Version: 11/30/2022	W 0 - 1/8 (0.109 mi.)	F24	55
SPEEDWAY #8391 Database: UST, Date of Government Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00000901	310 CEDAR ST Version: 11/30/2022	S 1/8 - 1/4 (0.163 mi.)	I31	66
LAPEER COUNTY CO-OP Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00007512	140 E 2ND ST Version: 11/30/2022	WSW 1/8 - 1/4 (0.181 mi.)	J36	85
GTE NORTH, INC Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00011214	311 S CEDAR ST Version: 11/30/2022	S 1/8 - 1/4 (0.195 mi.)	140	89
GTE NORTH INC Database: UST, Date of Government Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00018348	155 E 4TH ST Version: 11/30/2022	NW 1/8 - 1/4 (0.240 mi.)	44	103
Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN Database: UST, Date of Government Tank Status: Removed from Ground	150 N CEDAR ST Version: 11/30/2022	NE 0 - 1/8 (0.088 mi.)	E22	41

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 02/02/2023 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 (0.046 mi.)	B13	22
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.)	C16	30
THERMOGAS CO Facility Id: 92044017 Removed/Closed Date: 09/01/1995 Tank Status: Removed from Premises	225 S CEDAR ST	SSE 0 - 1/8 (0.124 mi.)	G28	61
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 (0.244 mi.)	45	103

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 02/22/2023 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 (0.046 mi.)	B12	21
TOTAL PETROLEUM (NOR Facility ID: 00010659	100 N CEDAR ST	E 0 - 1/8 (0.046 mi.)	B14	23
SPEEDWAY SUPERAMERIC Facility ID: 00000901	310 S CEDAR STREET	S 1/8 - 1/4 (0.174 mi.)	<i>1</i> 33	79
EZ QUICK MART INC #1 Facility ID: 00010667	546 NORTH CEDAR	NNE 1/4 - 1/2 (0.432 mi.)	L52	126
Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN Facility ID: 00010659	150 N CEDAR ST	NE 0 - 1/8 (0.088 mi.)	E22	41

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the INVENTORY list, as provided by EDR, and dated 01/17/2023 has revealed that there are 15 INVENTORY 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: 10659	110 N CEDAR ST	E 0 - 1/8 (0.043 mi.)	B11	18
18 NORTH CEDAR STREE Facility ID: 44000333	18 NORTH CEDAR STREE	SSE 0 - 1/8 (0.065 mi.)	C17	30
325 EAST SECOND STRE Facility ID: 44000300	325 EAST SECOND STRE	SW 0 - 1/8 (0.076 mi.)	D18	31
FORMER QUALITY TOWIN Facility ID: 41746	120 N MAIN ST	WNW 0 - 1/8 (0.091 mi.)	F23	52
172 NORTH CEDAR STRE Facility ID: 44000285	172 NORTH CEDAR STRE	NE 0 - 1/8 (0.117 mi.)	E26	57
ARTPLACE CLEANERS Facility ID: 44000335	213 E THIRD ST	WNW 1/8 - 1/4 (0.149 mi.)	H29	61
SPEEDWAY #8391 Facility ID: 901	310 CEDAR ST	S 1/8 - 1/4 (0.163 mi.)	I31	66
MI DEPT/AGRICULTURE Facility ID: 44000282	140 E 2ND ST	WSW 1/8 - 1/4 (0.181 mi.)	J34	81
144 E 3RD STREET Facility ID: 44000273	144 E 3RD STREET	W 1/8 - 1/4 (0.188 mi.)	H39	89
PELINE PROPERTY / MC Facility ID: 36390	587 S CEDAR ST	S 1/4 - 1/2 (0.415 mi.)	48	108
QWIK STOP #7 Facility ID: 16549	557 N CEDAR ST	N 1/4 - 1/2 (0.425 mi.)	49	110
IMLAY QUICKMART INC Facility ID: 10667	546 N CEDAR ST	NNE 1/4 - 1/2 (0.432 mi.)	L50	118
430 EAST CAPAC ROAD	430 EAST CAPAC ROAD	N 1/4 - 1/2 (0.456 mi.)	53	127

Facility ID: 44000310 **PARSCH AUTOMOTIVE** 314 CAPAC RD NNW 1/4 - 1/2 (0.464 mi.) 55 159 Facility ID: 18276 **Lower Elevation Address Direction / Distance** Map ID Page 150 N CEDAR ST E J GREEN NE 0 - 1/8 (0.088 mi.) E22 41 Facility ID: 17772

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
611 INDUSTRIAL PARKW	611 INDUSTRIAL PARKW	SE 1/2 - 1 (0.551 mi.)	56	165
Facility Status: Inactive - no actions ta	ken to address contamination			
Facility ID: 44000087				

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 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.)	D19	32
DTE ENERGY/MICH CON EPA ID:: MID000721647	255 E 2ND ST	SW 0 - 1/8 (0.079 mi.)	D20	36
MI DEPT/AGRICULTURE EPA ID:: MIP200001520	140 E 2ND ST	WSW 1/8 - 1/4 (0.181 mi.)	J35	82
COLES CLEANERS INC EPA ID:: MID064190697	144 E 3RD ST	W 1/8 - 1/4 (0.188 mi.)	H37	85
DODGE CS AND SON AND EPA ID:: MID985612399	320 S CEDAR ST	S 1/8 - 1/4 (0.202 mi.)	<i>1</i> 42	97

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 04/13/2023 has revealed that there are 13 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.)	A9	17
TOTAL BULK PLANT #05	110 N CEDAR ST	E 0 - 1/8 (0.043 mi.)	B11	18
18 NORTH CEDAR STREE	18 NORTH CEDAR STREE	SSE 0 - 1/8 (0.065 mi.)	C17	30
325 EAST SECOND STRE	325 EAST SECOND STRE	SW 0 - 1/8 (0.076 mi.)	D18	31
FORMER QUALITY TOWIN	120 N MAIN ST	WNW 0 - 1/8 (0.091 mi.)	F23	52
300 E SECOND STREET	300 E SECOND STREET	SW 0 - 1/8 (0.112 mi.)	D25	56
172 NORTH CEDAR STRE	172 NORTH CEDAR STRE	NE 0 - 1/8 (0.117 mi.)	E26	57
MI DEPT/AGRICULTURE	140 E 2ND ST	WSW 1/8 - 1/4 (0.181 mi.)	J34	81
PELINE PROPERTY / MC	587 S CEDAR ST	S 1/4 - 1/2 (0.415 mi.)	48	108
QWIK STOP #7	557 N CEDAR ST	N 1/4 - 1/2 (0.425 mi.)	49	110
IMLAY QUICKMART INC	546 N CEDAR ST	NNE 1/4 - 1/2 (0.432 mi.)	L50	118
430 EAST CAPAC ROAD	430 EAST CAPAC ROAD	N 1/4 - 1/2 (0.456 mi.)	53	127
Lower Elevation	Address	Direction / Distance	Map ID	Page
E J GREEN	150 N CEDAR ST	NE 0 - 1/8 (0.088 mi.)	E22	41

DRYCLEANERS: A listing of drycleaning facilities in Michigan.

A review of the DRYCLEANERS list, as provided by EDR, and dated 07/11/2022 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
ARTPLACE CLEANERS Establishment#: 4400005	213 E THIRD ST	WNW 1/8 - 1/4 (0.149 mi.)	H29	61
CLOTHES BASKET CLEAN Establishment#: 4400003 Establishment#: 4400004	144 EAST THIRD STREE	W 1/8 - 1/4 (0.188 mi.)	H38	88

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

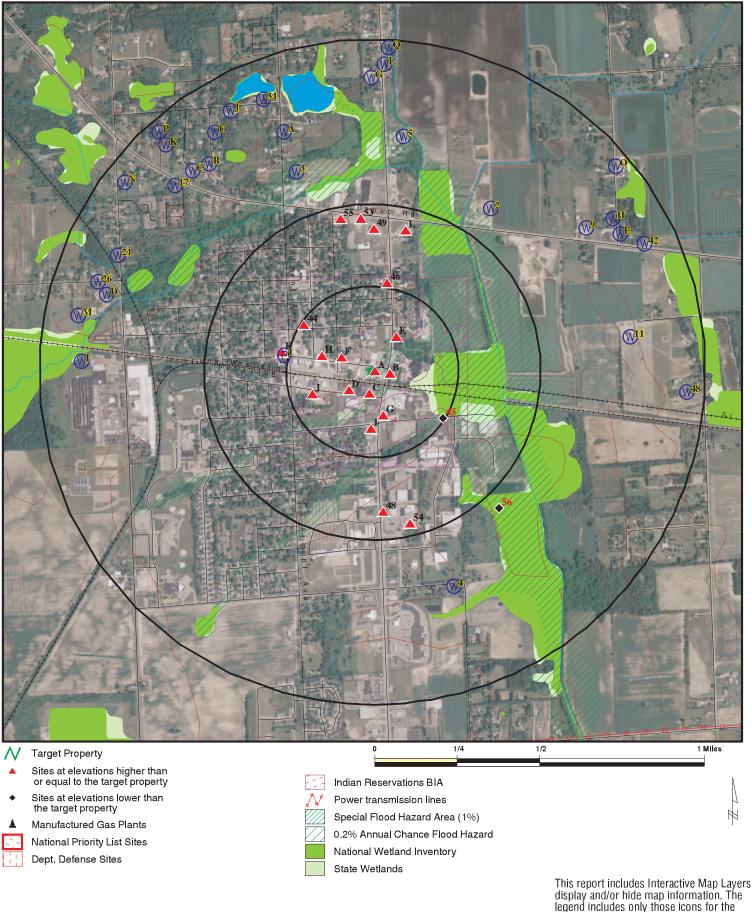
sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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 18 Page	
SCHOENHALS MOTOR SAL	420 E THIRD ST	0 - 1/8 (0.000 mi.)	A10		
Lower Elevation	Address	Direction / Distance	Map ID		
GREEN ELDEN JAMES	150 N CEDAR ST	NE 0 - 1/8 (0.088 mi.)	E21	40	

There were no unmapped sites in this report.

OVERVIEW MAP - 7339396.2S



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

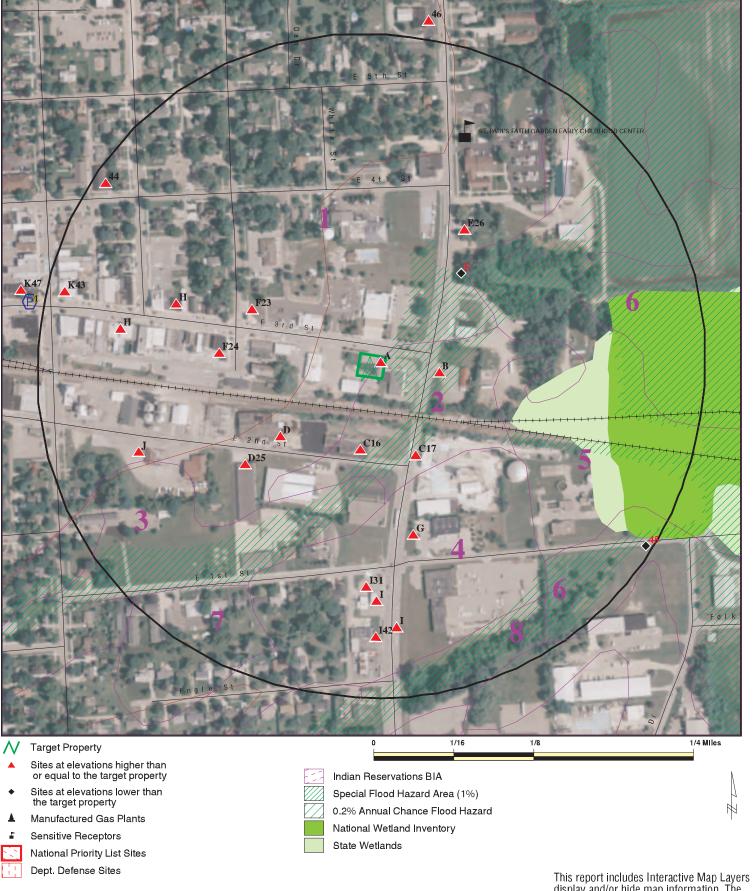
SITE NAME: Former Imlay City DPW ADDRESS: 400 East Third Street Imlay City MI 48444 43.023723 / 83.072465 LAT/LONG:

ECT

CLIENT: CONTACT: Maura Gibbons INQUIRY#: 7339396.2s DATE: May 17, 2023 1:11 pm

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DETAIL MAP - 7339396.2S



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

Former Imlay City DPW 400 East Third Street SITE NAME: ADDRESS: Imlay City MI 48444 43.023723 / 83.072465 LAT/LONG:

ECT

CLIENT: CONTACT: Maura Gibbons INQUIRY#: 7339396.2s

DATE: May 17, 2023 1:14 pm Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Lists of Federal NPL (Su	perfund) site:	s						
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Delisted	NPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites sul CERCLA removals and C		rs						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCLA	A sites with N	FRAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA fa undergoing Corrective A								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA To	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA go	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250	1	0 0 2	0 0 4	NR NR NR	NR NR NR	NR NR NR	0 0 7
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilitie	es							
SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal la and solid waste disposal								
SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal l	eaking storag	ge tanks						
LUST	0.500	1	3	2	7	NR	NR	13

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 r	egistered sto	rage tanks						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250	1	0 4 3 0	0 4 1 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 9 4 0
State and tribal institution control / engineering control /		es						
AUL	0.500		3	1	1	NR	NR	5
Lists of state and tribal v	oluntary clea	anup sites						
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal k	prownfield si	tes						
BROWNFIELDS	0.500	1	0	0	0	NR	NR	1
ADDITIONAL ENVIRONMEN	ITAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
HIST LF SWRCY INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL INVENTORY PART 201 CDL DEL PART 201 US CDL	0.001 0.500 1.000 0.001 1.000 0.001	2 1	0 6 0 0 0	NR 4 0 NR 0 NR	NR 5 0 NR 0 NR	NR NR 1 NR 0 NR	NR NR NR NR NR	0 17 2 0 0
Local Land Records								
LIENS LIENS 2	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Records of Emergency Release Reports								
HMIRS SPILLS	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR	0.250		2	3	NR	NR	NR	5

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	Ö	Ö	0	NR	0
SCRD DRYCLEANERS	0.500		Õ	Ö	Ö	NR	NR	Ö
US FIN ASSUR	0.001		Õ	NR	NR	NR	NR	Ö
EPA WATCH LIST	0.001		Ö	NR	NR	NR	NR	Ö
2020 COR ACTION	0.250		Ö	0	NR	NR	NR	Ö
TSCA	0.001		Ö	NR	NR	NR	NR	Ö
TRIS	0.001		Ö	NR	NR	NR	NR	Ö
SSTS	0.001		0	NR	NR	NR	NR	Ö
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
FINDS	0.001	1	0	NR	NR	NR	NR	1
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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 PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
	0.250		0	0	NR	NR	NR	0
PEAS ATSDR	0.250		0	0	NR ND	NR ND	NR ND	0
PFAS WQP PFAS NPDES	0.250 0.250		0	0 0	NR NR	NR NR	NR NR	0
PFAS NPDES PFAS ECHO	0.250		0 0	0	NR NR	NR NR	NR NR	0 0
PFAS ECHO FIRE TRAINII			0	0	NR NR	NR	NR	0
PFAS PART 139 AIRPORT			0	0	NR NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.230		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BEA	0.500		8	1	4	NR	NR	13
DEA	0.000		U	ı	7	1417	1417	10

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
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	
NPDES	0.001		0	NR	NR	NR	NR	0	
UIC	0.001		0	NR	NR	NR	NR	0	
WDS	0.001	2	0	NR	NR	NR	NR	2	
PFAS TRIS	0.250		0	0	NR	NR	NR	0	
MINES MRDS	0.001		0	NR	NR	NR	NR	0	
EDR HIGH RISK HISTORICAL RECORDS EDR Exclusive Records									
	4.000		0	0	0	0	ND	0	
EDR MGP EDR Hist Auto	1.000		0	0	0	0	NR	0	
EDR Hist Auto EDR Hist Cleaner	0.125 0.125		2	NR NR	NR NR	NR NR	NR NR	2 0	
EDK HISt Cleaner	0.125		U	INIX	INIX	INIX	INIX	U	
EDR RECOVERED GOVERN	MENT ARCHIV	<u>/ES</u>							
Exclusive Recovered Go	vt. 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		14	33	22	17	1	0	87	

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A1 CITY OF IMLAY CITY/PUBLIC WORKS

LUST U000258027 UST N/A

Target 400 E 3RD ST Property IMLAY CITY, MI 48444

INVENTORY WDS

Site 1 of 10 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: Not reported 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 Imlay City Dpw Site Name: Latitude: 43.02386 -83.07298 Longitude:

Method of Collection: The geographic coordinate determination method based on address

matching-house number.

Not reported

Accuracy: 100

Date of Collection:

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:5035Release Date:01/23/2002Substance Released:GasolineRelease Status:OpenRelease Closed Date:Not reported

Leak Number:6166Release Date:01/23/2002Substance Released:GasolineRelease Status:OpenRelease Closed Date:Not reported

Leak Number:C-0039-02Release Date:01/23/2002Substance Released:GasolineRelease Status:Open

Direction Distance

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

CITY OF IMLAY CITY/PUBLIC WORKS (Continued)

U000258027

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:

CITY OF IMLAY CITY/PUBLIC WORKS Name:

Address: 400 E 3RD ST

IMLAY CITY 48444-1315 City,State,Zip:

Facility Type: **CLOSED** Facility ID: 00014763

CITY OF IMLAY CITY Owner Name:

Owner Address: **PO BOX 188** Owner City: **IMLAY CITY**

Owner State: MI

48444-0188 Owner Zip: Owner Contact: Not reported Owner Phone: 8107242135 AMY PLANCK Contact: Contact Phone: (810) 724-2135 Date of Collection: 01/11/2001 Accuracy: 100

Horizontal Datum: NAD83 Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

POINT Point Line Area:

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Lansing District Office District:

Tank ID: 3 275 Capacity:

Tank Status: Removed from Ground

Gasoline Substance: Install Date: Not reported Remove Date: 01/22/2002 Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Not reported Impressed Device: Latitude: 43.02386 Longitude: -83.07298

CITY OF IMLAY CITY/PUBLIC WORKS Name:

Address: 400 E 3RD ST

IMLAY CITY 48444-1315 City, State, Zip:

Direction Distance

Elevation Site Database(s) EPA ID Number

CITY OF IMLAY CITY/PUBLIC WORKS (Continued)

Facility Type: CLOSED Facility ID: 00014763

Owner Name: CITY OF IMLAY CITY
Owner Address: PO BOX 188
Owner City: IMLAY CITY

Owner State: M

 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

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 02/05/1979 Install Date: 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 43.02386 Latitude:

Name: CITY OF IMLAY CITY/PUBLIC WORKS

-83.07298

Address: 400 E 3RD ST

City, State, Zip: IMLAY CITY 48444-1315

Facility Type: CLOSED Facility ID: 00014763

Longitude:

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

EDR ID Number

U000258027

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

CITY OF IMLAY CITY/PUBLIC WORKS (Continued)

U000258027

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

Gasoline Substance: 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 43.02386 Latitude: Longitude: -83.07298

INVENTORY:

Name: CITY OF IMLAY CITY/PUBLIC WORKS

Address: 400 E 3RD ST

City, State, Zip: IMLAY CITY, MI 48444

Township: Imlay City
District: Lansing

Data Source: Risks Controlled-Interim

Lust Name: Imlay City Dpw

Regulatory Program: 213 Release Status: Open

Project Manager: Michaluk, Janet Latitude: 43.023861 Longitude: -83.072985

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

A2 400 & 410 EAST THIRD STREET Target 400 & 410 E. THIRD STREET RGA PART 201 S115655462

N/A

Property IMLAY CITY, MI

Site 2 of 10 in cluster A

Actual: RGA PART 201:

812 ft. 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

Direction Distance

Distance EDR ID Number EDevation Site EDR ID Number Database(s) EPA ID Number

A3 CITY OF IMLAY CITY WDS S111947357

N/A

Target 410 E 3RD ST
Property IMLAY CITY, MI 48444

Site 3 of 10 in cluster A

Actual: WDS: 812 ft. Nar

Name: CITY OF IMLAY CITY
Address: 410 E 3RD ST
City,State,Zip: IMLAY CITY, MI 48444

Site Id: MIG000041081

WMD Id: 417557

Site Specific Name: CITY OF IMLAY CITY

Mailing Address: 410 E 3RD ST Mailing City/State/Zip: 48444

Mailing County: 46444

Mailing County: LAPEER

 A4
 CITY OF IMLAY
 RCRA-VSQG
 1004725590

 Target
 400 E 3RD ST
 FINDS
 MIR000047290

 Property
 IMLAY CITY, MI 48444
 ECHO

Site 4 of 10 in cluster A

Actual: RCRA Listings:

812 ft. Date Form Received by Agency: 20040709
Handler Name: City Of Imi

Handler Name:City Of ImlayHandler Address:400 E 3RD STHandler 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: Land Type:

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

05

Municipal

Non-Notifier:

Biennial Report Cycle:
Accessibility:
Active Site Indicator:
State District Owner:
State District:
Mot reported
Not reported
Handler Activities
Not reported
Not reported
Not reported
State District:
Not reported
Mailing Address:
150 N MAIN ST

Mailing Address: 150 N MAIN ST
Mailing City, State, Zip: IMLAY CITY, MI 48444
Owner Name: City Of Imlay

Owner Type:

Municipal
Operator Name:
Operator Type:
Municipal
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

Distance Elevation Site

Database(s) EPA ID Number

Not reported

CITY OF IMLAY (Continued) 1004725590

Off-Site Waste Receipt:

Universal Waste Indicator:

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:

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:
Handler Date of Last Change:
Recognized Trader-Importer:
Recognized Trader-Exporter:
No
No
No

Importer of Spent Lead Acid Batteries:

Exporter of Spent Lead Acid Batteries:

No
Recycler Activity Without Storage:

No
No reported

Sub-Part P Indicator: No

Hazardous Waste Summary:

Manifest Broker:

Waste Code: D001

Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Owner/Operator Name: CITY OF IMLAY

Legal Status: Municipal Date Became Current: 19010101 **Date Ended Current:** Not reported Not reported Owner/Operator Address: 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

EDR ID Number

Distance Elevation

Site Database(s) EPA ID Number

CITY OF IMLAY (Continued) 1004725590

Owner/Operator City,State,Zip:

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

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

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:

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:

Electronic Manifest Broker:

Not reported
Not reported

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:

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

EDR ID Number

Direction Distance

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

CITY OF IMLAY (Continued) 1004725590

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:

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

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

ECHO:

1004725590 Envid: 110006413185 Registry ID:

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006413185

CITY OF IMLAY Name: Address: 400 E 3RD ST IMLAY CITY, MI 48444 City, State, Zip:

CITY OF IMLAY CITY/PUBLIC WORKS **A5**

Target 400 E 3RD ST **Property IMLAY CITY, MI**

Site 5 of 10 in cluster A

Actual: RGA LUST: 812 ft.

CITY OF IMLAY CITY/PUBLIC WORKS 400 E 3RD ST 2012 CITY OF IMLAY CITY/PUBLIC WORKS 400 E 3RD ST 2011 2010 CITY OF IMLAY CITY/PUBLIC WORKS 400 E 3RD ST CITY OF IMLAY CITY/PUBLIC WORKS 2009 400 E 3RD ST CITY OF IMLAY CITY/PUBLIC WORKS 2008 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 CITY OF IMLAY CITY/PUBLIC WORKS 2004 400 E 3RD ST CITY OF IMLAY CITY/PUBLIC WORKS 2003 400 E 3RD ST

RGA LUST

S115669993

N/A

Direction Distance

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

A6 400 & 410 EAST THIRD STREET BROWNFIELDS S104780137 **Target 400 & 410 E. THIRD STREET PART 201** N/A

Property IMLAY CITY, MI 48444

Site 6 of 10 in cluster A

Actual: 812 ft.

BROWNFIELDS:

400 & 410 E. THIRD Name:

400 & 410 E. THIRD STREET Address:

City,State,Zip: IMLAY CITY, MI Facility ID: Not reported

Region:

Status: Not reported Not reported Properry Use: 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

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

CITY OF IMLAY CITY/PUBLIC WORKS Α7 **Target**

RGA LUST S115669994 **400 E THIRD ST** N/A

Property IMLAY CITY, MI

Site 7 of 10 in cluster A

Actual: RGA LUST:

812 ft. CITY OF IMLAY CITY/PUBLIC WORKS 400 E THIRD ST 2001 2000 CITY OF IMLAY CITY/PUBLIC WORKS 400 E THIRD ST

CITY OF IMLAY CITY/PUBLIC WORKS 1999 400 E THIRD ST CITY OF IMLAY CITY/PUBLIC WORKS 1998 400 E THIRD ST CITY OF IMLAY CITY/PUBLIC WORKS 1997 400 E THIRD ST

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A8 IMLAY CITY. DEPT OF PUBLIC WORKS INVENTORY S127818617
Target 400 EAST THIRD STREET N/A

Target 400 EAST THIRD STREET Property IMLAY CITY, MI 48444

Site 8 of 10 in cluster A

Actual: INVENTORY: 812 ft. Name:

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

Release Status: Not reported
Project Manager: Peabody, Emily
Latitude: 43.023861
Longitude: -83.072985

A9 420 EAST THIRD STREET BEA \$108414426 420 EAST THIRD STREET N/A

< 1/8 IMLAY CITY, MI

1 ft.

Site 9 of 10 in cluster A

 Relative:
 BEA:

 Higher
 Name:
 420 EAST THIRD STREET

 Actual:
 Address:
 420 EAST THIRD STREET

 812 ft.
 City,State,Zip:
 IMLAY CITY, MI

812 ft. 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:
Reviewer:
Division Assigned:

No Request
labrecqd
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 Not reported Contact Type: Organization Street Address: Not reported Not reported Not reported

Organization City: Not reported Organization State: Not reported Organization Zip Code: Not reported Organization County: Not reported Contact Street Address: Not reported

Direction Distance

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

420 EAST THIRD STREET (Continued)

Contact City: Not reported Contact Zip Code: Not reported Contact State: Not reported

A10 SCHOENHALS MOTOR SALES INC 1021636920 **EDR Hist Auto**

420 E THIRD ST N/A

< 1/8 IMLAY CITY, MI 48444

1 ft.

Site 10 of 10 in cluster A

Relative: **EDR Hist Auto**

Higher

813 ft.

Year: Type: Actual:

SCHOENHALS MOTOR SALES INC New And Used Car Dealers 812 ft. 1969 1970 New And Used Car Dealers SCHOENHALS MOTOR SALES INC

> 1971 SCHOENHALS MOTOR SALES INC New And Used Car Dealers SCHOENHALS MOTOR SALES INC New And Used Car Dealers 1972 1973 SCHOENHALS MOTOR SALES INC New And Used Car Dealers 1974 SCHOENHALS MOTOR SALES INC New And Used Car Dealers 1975 New And Used Car Dealers SCHOENHALS MOTOR SALES INC

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

SCHOENHALS MOTOR SALES INC New And Used Car Dealers 1979

IMLAY CITY, MI 48444

B11 **TOTAL BULK PLANT #0564** LUST U000257942 N/A

East 110 N CEDAR ST UST **INVENTORY** < 1/8 IMLAY CITY, MI 48444 0.043 mi. **BEA**

228 ft. Site 1 of 5 in cluster B

City, State, Zip:

LUST: Relative: Higher **TOTAL BULK PLANT #0564** Name: Address: 110 N CEDAR ST Actual:

> 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 Lonaitude: -83.0718 Date of Collection: Not reported

Method of Collection: The geographic coordinate determination method based on address

matching-house number.

Accuracy:

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 S108414426

Direction
Distance

Elevation Site Database(s) EPA ID Number

TOTAL BULK PLANT #0564 (Continued)

U000257942

EDR ID Number

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:502Release Date:01/13/1992Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:08/04/2021

Leak Number:C-0169-92Release Date:01/13/1992Substance Released:GasolineRelease Status:OpenRelease Closed Date:Not reported

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

Direction Distance

Elevation Site Database(s) EPA ID Number

TOTAL BULK PLANT #0564 (Continued)

U000257942

EDR ID Number

Install Date: 05/01/1956 01/13/1992 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.02367 Latitude: -83.07180 Longitude:

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

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 Not reported District: 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 00010659 Location ID:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

TOTAL BULK PLANT #0564 (Continued)

U000257942

EDR ID Number

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

B12 TOTAL BULK PLANT #0564 AUL S117057647
East 100 NORTH CEDAR N/A

< 1/8 IMLAY CITY, MI 48444

0.046 mi.

813 ft.

245 ft. Site 2 of 5 in cluster B

Relative: AUL: Higher Nar Actual: AUC

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** 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

0

0

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: Commercial li Land Use Restriction: 0 Commercial lii Land Use Restriction: 0 Commercial Iv Land Use Restriction: 0 Industrial Land Use Restriction: 0 Residential Land Use Restriction: 0 0 Recreational Land Use Restriction: 0 Multiple Land-Use Restrictions: 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 0 There Is A Restriction On All Construction:

Monitoring Well Protected, No Tampering Or Removal:

There Is An Exposure Barrier In Place:

Direction Distance

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

TOTAL BULK PLANT #0564 (Continued)

S117057647

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

IMLAY CITY OIL A100206094 B13 AST 100 N CEDAR ST **East** N/A

< 1/8 IMLAY CITY, MI 48444

0.046 mi.

245 ft. Site 3 of 5 in cluster B

Relative: AST: Higher Name:

IMLAY CITY OIL 100 N CEDAR ST Address: Actual: **IMLAY CITY** 813 ft. City: 48444-1122 Zip: Facility ID: 91044003 Owner Name: **IMLAY CITY OIL**

> Owner Address: 542 N CEDAR ST Owner City, St, Zip: IMLAY CITY, MI 48444-1166

District:

Date of Collection: 07/26/2005 Accuracy: 100 FEET

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Description Category: Plant Entrance (Freight)

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Horizontal Datum: NAD83 43.0243100 Latitude: Longitude: -83.070902

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-106825-15 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-106811-15 Tank Status: Removed from Premises

Capacity (in gallons): 12000

Direction Distance

Elevation Site Database(s) **EPA ID Number**

IMLAY CITY OIL (Continued) A100206094

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-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-008715-15

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-106821-15 Tank Status: Removed from Premises

Capacity (in gallons): 20000 Installation Date: Not reported Substance Stored: Other Removed/Closed Date: 09/30/1991

B14 TOTAL PETROLEUM (NORTH AMERICA) LTD

100 N CEDAR ST **East** < 1/8 IMLAY CITY, MI 48444

0.046 mi.

245 ft. Site 4 of 5 in cluster B

Relative: AUL: Higher MRP PROPERTIES Name:

100 NORTH CEDAR STREET Address: Actual: City, State, Zip: IMLAY CITY, MI 48444 813 ft.

> Status: Site Name: Property: Land Use Restriction Type:

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

Recorded

on-site

RC

Not reported

Property Or Description Restricted Area: Not reported

RRD

Lead Division:

AUL

AIRS

WDS

S111141870

N/A

EDR ID Number

Direction Distance

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

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

S111141870

File Name Of Hyperlinked Legal Doc: U:\\KERMIT\\11121304812.PDF

Mapped Polygons Area In Acres: 0.9096999999999995

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: Commercial li Land Use Restriction: 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 0 Special Well Construction Requirements: 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:

Comment: 20180108 provided reference # for on-site restriction which is

rescinded, new reference #s for this site are RC-RRD-213-17-135 and

Map Comments: 20180109 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180110 - LRUR is

mapped in KERMIT - Nick Ekel

MRP PROPERTIES, LLC Name: 100 NORTH CEDAR STREET Address: IMLAY CITY, MI 48444 City, State, Zip:

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 Deg 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: 0.9096999999999995

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

Direction Distance Elevation

nce EDR ID Number ation Site Database(s) EPA ID Number

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

S111141870

Commercial I Land Use Restriction: 0 0 Commercial li Land Use Restriction: Commercial lii Land Use Restriction: 0 0 Commercial Iv Land Use Restriction: Industrial Land Use Restriction: 0 Residential Land Use Restriction: Recreational Land Use Restriction: 0 Multiple Land-Use Restrictions: 0 Site Specific Restrictions: **Groundwater Consumption Restrictions: 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: 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. 13092Address:100 NORTH CEDAR STREETCity, State, Zip:IMLAY CITY, MI 48444

Status: Recorded Site Name: Not reported Off-Site Property: 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 Deg 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: 0.520100000000001

Mapped Polygons Area In Square Miles:
Date Data Entry Started:
Date Data Entry Finished:
O8/13/2021
Individual Or Staff Assoc With The Mapping:
Program Used To Map Restricted Features:
ArcGIS 10.7
Date Legal Paperwork Stamped/Filed/Register Of Deeds:
AccGIS 10.7

Commercial I Land Use Restriction: 0 Commercial li Land Use Restriction: 0 Commercial lii 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:**

Direction Distance

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

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

S111141870

Groundwater Contact Restrictions: 0 0 Special Well Construction Requirements: 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

20201027 - Reference number was requested by Landon Eenigenburg of Comment:

ARCADIS of Michigan LLC - Nick Ekel

20210611 - LRUR is NOT mapped in KERMIT - Nick Ekel 20210813 - LRUR is Map Comments:

mapped in KERMIT - Nick Ekel

AIRS:

MRP PROPERTIES, LLC Name: 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

6000 N LOOP 1604 WEST Contact Address: Contact City,St,Zip: SAN ANTONIO, TX 78249

137-11 Permit Number: Date Received: 09/08/2011

GENERAL PTI - SOIL OR GROUNDWATER REMEDIATION Application Reason:

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 Not reported Supplemental Location Text: **Business Name:** Not reported Not reported Principal Product: 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 El Contact Area Code: Not reported El Contact Phone Number: Not reported Permit Contact Person: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

S111141870

Permit Contact Person Area Code:
Permit Contact Person Phone Number:
Federal Employer Id Number:
Of Employees:
Reporting Year:
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

B15 TOTAL PETROLEUM (NORTH AMERICA) LTD RCRA-VSQG 1004722534
East 100 N CEDAR ST FINDS MI0001026046

< 1/8 IMLAY CITY, MI 48444 ECHO

0.046 mi.

Relative:

245 ft. Site 5 of 5 in cluster B

RCRA Listings:

Higher Date Form Received by Agency: 19950206

Actual: Handler Name: Total Petroleum (North America) Ltd

813 ft. Handler Address: 100 N CEDAR ST

Handler City, State, Zip: IMLAY CITY, MI 48444
EPA ID: MI0001026046
Contact Name: GREG AZZOLI

Contact Name.

Contact Address:

Contact City, State, Zip:

Contact Telephone:

GREG AZZOLI

100 N CEDAR ST

IMLAY CITY, MI 48444

213-946-5287

 Contact Telephone:
 313-946-5287

 Contact Fax:
 Not reported

 Contact Email:
 Not reported

 Contact Title:
 Not reported

 EPA Region:
 05

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

MAP FINDINGS Map ID Direction

Distance

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

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

1004722534

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: Nο 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:

D001 Waste Code:

Waste Description: **IGNITABLE WASTE**

Handler - Owner Operator:

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

Owner/Operator Indicator: Owner

Owner/Operator Name: TOTAL PETROLEUM INC

Distance

Elevation Site Database(s) EPA ID Number

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

1004722534

EDR ID Number

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

FINDS:

Registry ID: 110003571750

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1004722534 Registry ID: 110003571750

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003571750

Name: TOTAL PETROLEUM (NORTH AMERICA) LTD

Direction Distance

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

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued)

Address: 100 N CEDAR ST IMLAY CITY, MI 48444 City,State,Zip:

C16 JER EQUIPMENT AST A100427341 379 E 2ND ST South N/A

< 1/8 IMLAY CITY, MI 48444

0.057 mi.

301 ft. Site 1 of 2 in cluster C

Relative: AST: Higher Name:

JER EQUIPMENT Address: 379 E 2ND ST Actual: 815 ft. City: **IMLAY CITY** Zip: 48444-1317 92085969 Facility ID:

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 Not reported Point Line Area: Not reported **Description Category:** 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 07/26/2016 Installation Date: Substance Stored: LPG Removed/Closed Date: 03/31/2022

C17 **18 NORTH CEDAR STREET INVENTORY** S127818622 SSE **18 NORTH CEDAR STREET BEA** N/A

< 1/8 0.065 mi.

345 ft. Site 2 of 2 in cluster C

IMLAY CITY, MI 48444

Relative: INVENTORY:

Higher Name: 18 NORTH CEDAR STREET Address: 18 NORTH CEDAR STREET Actual: 817 ft. City,State,Zip: IMLAY CITY, MI 48444

Township: Not reported District: Lansing

Data Source: Risks Not Determined

Not reported Lust Name:

Regulatory Program: 201 Release Status: Not reported Project Manager: Peabody, Emily

Latitude: 43.02908565 Longitude: -83.07093567 1004722534

Direction Distance

Elevation Site Database(s) EPA ID Number

18 NORTH CEDAR STREET (Continued)

S127818622

EDR ID Number

BEA:

Location ID:

Name: 18 NORTH CEDAR STREET
Address: 18 NORTH CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444

Secondary Address: Not reported Not reported BEA Number: Not reported District: Date Received: 06/17/2021 Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Reviewer: Not reported Division Assigned: Not reported

Submittal Type: Baseline Environmental Assessment

44000333

Submittal Number: 44000333-BEA-1 Approval Status: In Review Workflow Status: Submitted Date Submitted: Not reported Date Completed: 4/2/2021 Township: Not reported Work Unit: Lansing Not reported Comments: Organization: Not reported Contact: Not reported Contact Type: Not reported Organization Street Address: Not reported Organization City: Not reported

Organization City:

Organization City:

Not reported
Organization State:

Not reported
Organization Zip Code:

Organization County:

Contact Street Address:

Not reported
Organization County:

Not reported
Contact City:

Not reported
Contact Zip Code:

Not reported
Not reported
Contact State:

Not reported

325 EAST SECOND STREET INVENTORY \$120851945

< 1/8 LAPEER (County), MI 48444 0.076 mi.

D18

SW

403 ft. Site 1 of 4 in cluster D

Relative: INVENTORY:

HigherName:325 EAST SECOND STREETActual:Address:325 EAST SECOND STREET

819 ft. City,State,Zip: MI 48444
Township: Imlay City
District: Lansing

325 EAST SECOND STREET

Data Source: Risks Not Determined

Lust Name: Not reported

Regulatory Program: 201

Release Status: Not reported Project Manager: Peabody, Emily

Latitude: NaN Longitude: NaN BEA

N/A

Direction Distance

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

325 EAST SECOND STREET (Continued)

S120851945

BEA:

325 EAST SECOND STREET Name: Address: 325 EAST SECOND STREET

City,State,Zip: MI 48444 Secondary Address: Not reported Not reported BEA Number: Not reported District: Date Received: 05/23/2017 Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Reviewer: Not reported Division Assigned: Not reported 44000300 Location ID:

Submittal Type: **Baseline Environmental Assessment**

Submittal Number: B201702319LA Approval Status: **RRD** Received Workflow Status: Submitted

2017-05-23 14:54:51 Date Submitted:

Date Completed: Not reported Township: Imlay City Work Unit: Lansing

Category B2 Associated ID #s like ITS and Site ID go here. REVIEW Comments:

> 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

D19 **MOLD MASTERS CO** RCRA NonGen / NLR 1000183473

SW 325 E 2ND ST **FINDS** MID065602807

IMLAY CITY, MI 48444 **ECHO** < 1/8

0.076 mi.

403 ft. Site 2 of 4 in cluster D

Relative: **RCRA Listings:**

Higher Date Form Received by Agency: 20020812 Handler Name: Mold Masters Co Actual: Handler Address: 325 E 2ND ST 819 ft. Handler City, State, Zip: IMLAY CITY, MI 48444

EPA ID: MID065602807

ROBERT SWIATKOWSKI Contact Name:

Map ID MAP FINDINGS
Direction

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

MOLD MASTERS CO (Continued)

1000183473

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

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 HugoOwner Type:PrivateOperator Name:Leonardi Hugo

Operator Type: Private Short-Term Generator Activity: No Importer Activity: No Mixed Waste Generator: No Transporter Activity: No Transfer Facility Activity: Nο Recycler Activity with Storage: Nο Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: Nο 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:
Handler Date of Last Change:
Recognized Trader-Importer:

Not reported
20110303
No

Recognized Trader-Importer:

Recognized Trader-Exporter:

No
Importer of Spent Lead Acid Batteries:

No

MAP FINDINGS Map ID Direction

Distance Elevation

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

No

MOLD MASTERS CO (Continued)

1000183473

EDR ID Number

Exporter of Spent Lead Acid Batteries:

Not reported Recycler Activity Without Storage: Manifest Broker: Not reported No

Sub-Part P Indicator:

Hazardous Waste Summary:

Waste Code: D001

Waste Description: **IGNITABLE WASTE**

Handler - Owner Operator:

Owner/Operator Indicator: Owner

Owner/Operator Name: LEONARDI HUGO

Legal Status: Private 19700101 Date Became Current: **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 Not reported Owner/Operator City, State, Zip: 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 Not reported Date Ended Current: Owner/Operator Address: Not reported Owner/Operator City, State, Zip: Not reported Owner/Operator Telephone: Not reported Owner/Operator Telephone Ext: Not reported

Distance Elevation Si

Site Database(s) EPA ID Number

MOLD MASTERS CO (Continued)

1000183473

EDR ID Number

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 Not reported Date Ended Current: 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:

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:

Electronic Manifest Broker:

Not reported
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 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

Direction Distance

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

MOLD MASTERS CO (Continued)

1000183473

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

Not reported Non Storage Recycler Activity: Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code:

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:

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

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

ECHO:

Envid: 1000183473 Registry ID: 110003601362

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003601362

Name: MOLD MASTERS CO 325 E 2ND ST Address:

IMLAY CITY, MI 48444 City, State, Zip:

D20 DTE ENERGY/MICH CON RCRA NonGen / NLR 1004722577 SW 255 E 2ND ST FINDS MID000721647

IMLAY CITY, MI 48444 **ECHO**

< 1/8 0.079 mi.

Site 3 of 4 in cluster D 415 ft.

Relative: RCRA Listings:

Higher Date Form Received by Agency: 20030325

Handler Name: Dte Energy/Mich Con Actual: 255 E 2ND ST Handler Address: 819 ft. Handler City, State, Zip:

IMLAY CITY, MI 48444 EPA ID: MID000721647

Distance Elevation Site

tion Site Database(s) EPA ID Number

DTE ENERGY/MICH CON (Continued)

1004722577

EDR ID Number

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: Nο Transfer Facility Activity: Nο Recycler Activity with Storage: No Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** Nο 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:

2018 GPRA Permit Baseline:

Not reported

Not on the Baseline

2018 GPRA Renewals Baseline:

Not on the Baseline

202 GPRA Corrective Action Baseline:

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: Nο Unaddressed Significant Non-Complier Universe: No Addressed Significant Non-Complier Universe: No Significant Non-Complier With a Compliance Schedule Universe: No

Financial Assurance Required:
Handler Date of Last Change:
Recognized Trader-Importer:
No
Recognized Trader-Exporter:
No

Distance Elevation

Site Database(s) EPA ID Number

DTE ENERGY/MICH CON (Continued)

1004722577

EDR ID Number

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 Not reported Owner/Operator Fax: Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: DETROIT EDISON COMPANY

Legal Status: Private 19700101 Date Became Current: 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:

Date Became Current:

Date Ended Current:

Owner/Operator Address:

Owner/Operator City, State, Zip:

Owner/Operator Telephone:

Private

19700101

Not reported

Not reported

Not reported

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

DTE ENERGY/MICH CON (Continued)

1004722577

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

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:

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

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

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

Direction Distance

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

DTE ENERGY/MICH CON (Continued)

1004722577

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

E21 **GREEN ELDEN JAMES EDR Hist Auto** 1020350317 N/A

ΝE 150 N CEDAR ST IMLAY CITY, MI 48444 < 1/8

0.088 mi.

466 ft. Site 1 of 3 in cluster E

1998

GREEN ELDEN JAMES

EDR Hist Auto Relative:

Lower

Year: Name: Type: Actual: GREEN ELDEN J Toys And Hobby Goods And Supplies 1971 809 ft.

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 Petroleum Products, NEC GREEN ELDEN JR 1980 GREEN ELDEN JR Petroleum Products, NEC 1982 GREEN ELDEN JR Petroleum Products, NEC 1983 GREEN ELDEN JR Petroleum Products, NEC Petroleum Products, NEC 1985 GREEN ELDEN JR 1986 Petroleum Products, NEC GREEN ELDEN JR GREEN ELDEN JR Petroleum Products, NEC 1987 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 Engine Fuels And Oils 1992 **GREEN ELDEN JAMES** 1993 **GREEN ELDEN JAMES** Engine Fuels And Oils 1994 Engine Fuels And Oils **GREEN ELDEN JAMES** 1995 Engine Fuels And Oils **GREEN ELDEN JAMES** 1996 **GREEN ELDEN JAMES** Engine Fuels And Oils **GREEN ELDEN JAMES** Engine Fuels And Oils 1997

Engine Fuels And Oils

Direction Distance

Elevation Site Database(s) **EPA ID Number**

E22 E J GREEN LUST U002301898

NE 150 N CEDAR ST UST N/A AUL

IMLAY CITY, MI 48444 < 1/8 0.088 mi.

INVENTORY 466 ft. Site 2 of 3 in cluster E BEA

Relative:

Lower LUST:

E J GREEN Name: Actual: Address: 150 N CEDAR ST 809 ft. 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 Not reported Country: District: Lansing Site Name: E J Green Latitude: 43.02482 Longitude: -83.07111

Method of Collection: The geographic coordinate determination method based on address

matching-house number.

Not reported

Accuracy:

Date of Collection:

Accuracy Value Unit: Not reported

Horizontal Data: North American Datum of 1983 Point Line Area: Center of a facility or station

100

Desc Category: Not reported Regulatory Program: Not reported Not reported Risk Condition: Project Manager: Not reported Senate District: Not reported House District: Not reported US Congressional District: Not reported

Leak Number: 20472 Release Date: 10/12/1992 Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

Leak Number: 25905 05/15/1996 Release Date: Substance Released: Not reported Release Status: Open

Release Closed Date: Not reported

Leak Number: 25927 04/24/1996 Release Date: Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

Leak Number: 25995 04/23/1996 Release Date: Substance Released: Not reported **EDR ID Number**

WDS

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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

 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 Potum:
 NAP83

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

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

Tank Details Compartments: Not reported Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.02482 Latitude: -83.07111 Longitude:

 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

48444-1003 Owner Zip: Owner Contact: Not reported 8107246408 Owner Phone: Contact: Mark F Schult Contact Phone: (734) 397-3100 01/11/2001 Date of Collection: 100 Accuracy: 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

Substance: Kerosene Install Date: 05/02/1976 04/23/1996 Remove Date: Tank Number: Not reported Not reported Tank Details Compartments: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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

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 Not reported Tank Number: Tank Details Compartments: Not reported Not reported Tank Release Detection: Not reported Pipe Release Detection: 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 Mark F Schult Contact: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

Capacity: 4000

Tank Status: Removed from Ground

Substance: Diesel Install Date: 05/02/1976 Remove Date: 04/24/1996 Not reported Tank Number: Not reported Tank Details Compartments: Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Not reported Tank Construction: Not reported Impressed Device: 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: 5 Capacity: 1000

Tank Status: Removed from Ground

Substance: Kerosene Install Date: 05/02/1976 04/23/1996 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Not reported Impressed Device: Latitude: 43.02482 Longitude: -83.07111

Name: E J GREEN

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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 8107246408 Owner Phone: Contact: Mark F Schult (734) 397-3100 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: 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 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:

Owner Zip: 48444-1003 Owner Contact: Not reported 8107246408 Owner Phone: Contact: Mark F Schult Contact Phone: (734) 397-3100 Date of Collection: 01/11/2001 Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: **FEET**

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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 05/02/1976 Install Date: 04/24/1996 Remove Date: Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Not reported Piping Material: 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

48444-1003 Owner Zip: Owner Contact: Not reported Owner Phone: 8107246408 Mark F Schult Contact: 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:
 22

 Capacity:
 4000

Tank Status: Closed in Ground

Substance: Gasoline Install Date: 05/02/1976 11/02/2012 Remove Date: Tank Number: Not reported Not reported Tank Details Compartments: Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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 Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Not reported Piping Material: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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

Not reported Substance: Install Date: 05/02/1976 04/23/1996 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Not reported Impressed Device: 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

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

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

Substance: Diesel 05/02/1976 Install Date: 04/24/1995 Remove Date: Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Not reported Pipe Release Detection: Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.02482 -83.07111 Longitude:

AUL:

Name:MRP PROPERTIES, LLCAddress:150 NORTH CEDAR STREETCity, 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 Deg 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:

Mapped Polygons Area In Square Miles:

Date Data Entry Started:

Date Data Entry Finished:

Date

Commercial I Land Use Restriction: 0 Commercial li Land Use Restriction: 0 Commercial lii 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: **Groundwater Consumption Restrictions:** 1 **Groundwater Contact Restrictions:** 0 Special Well Construction Requirements: 0 Special Building Restrictions: 1 Excavation And Soil Movement Restrictions: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

E J GREEN (Continued) U002301898

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 Not reported District: Date Received: 04/20/2022 Submitter Name: Not reported Petition Determination: Not reported Not reported Petition Disclosure: Category: Not reported Determination 20107A: Not reported Reviewer: Not reported Division Assigned: Not reported 00017772 Location ID: 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 Not reported Organization County: Contact Street Address: Not reported Contact City: Not reported Contact Zip Code: Not reported Contact State: Not reported

Direction Distance

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

E J GREEN (Continued) U002301898

WDS:

E J GREEN CO Name: 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 150 N CEDAR ST Mailing Address:

Mailing City/State/Zip: 48444 Mailing County: **LAPEER**

U004004551 F23 FORMER QUALITY TOWING LUST N/A

WNW 120 N MAIN ST UST **INVENTORY** < 1/8 IMLAY CITY, MI 48444 **BEA**

0.091 mi.

483 ft. Site 1 of 2 in cluster F

Relative: LUST: Higher Name:

FORMER QUALITY TOWING Address: 120 N MAIN ST Actual:

City, State, Zip: IMLAY CITY, MI 48444 825 ft.

Facility ID: 41746 Source: Not reported COLLICA, STEVE Owner Name: 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 -83.07409 Longitude: 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 Not reported Risk Condition: 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 Used Oil Substance Released: Release Status: Open Release Closed Date: Not reported

Leak Number: C-0186-05 Release Date: 05/30/2005 Substance Released: Used Oil

Direction Distance

Elevation Site Database(s) EPA ID Number

FORMER QUALITY TOWING (Continued)

U004004551

EDR ID Number

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

48444-0188 Owner Zip: Owner Contact: Not reported Owner Phone: 8107242135 City of Imlay City Contact: (810) 724-2135 Contact Phone: Date of Collection: 07/26/2005 Accuracy: 100 NAD83 Horizontal Datum: 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

Used Oil Substance: 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 Not reported Tank Construction: Not reported Impressed Device: 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

Direction Distance Elevation

evation Site Database(s) EPA ID Number

FORMER QUALITY TOWING (Continued)

U004004551

EDR ID Number

BEA:

Name: FORMER QUALITY TOWING

Address: 120 N MAIN ST
City, State, Zip: IMLAY CITY, MI 48444

Secondary Address: Not reported Not reported BEA Number: Not reported District: Date Received: 06/15/2005 Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Reviewer: Not reported Division Assigned: Not reported 00041746 Location ID:

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 City:

Organization State:

Organization State:

Organization Zip Code:

Organization County:

Contact Street Address:

Contact City:

Contact Zip Code:

Not reported

Name: 120 N. MAIN STREET
Address: 120 N. MAIN STREET
City, State, Zip: IMLAY CITY, MI 48444

Secondary Address:

BEA Number:

District:

Date Received:

Submitter Name:

Petition Determination:

Not reported

949

Lansing

06/15/2005

City of Imlay City

No Request

Petition Disclosure: 0
Category: N

Determination 20107A: No Request Reviewer: labrecqd Division Assigned: **ERD** Location ID: Not reported Not reported Submittal Type: Submittal Number: Not reported Approval Status: Not reported Workflow Status: Not reported

Direction Distance

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

Not reported

FORMER QUALITY TOWING (Continued)

Date Submitted:

U004004551

Date Completed: Not reported Not reported Township: Work Unit: Not reported Comments: Not reported Organization: Not reported Not reported Contact: 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

F24 THE COUNTRY CORNER UST U000257986 West 244 E 3RD ST N/A

< 1/8

0.109 mi.

575 ft.

Site 2 of 2 in cluster F

UST: Relative: Higher Name:

IMLAY CITY, MI 48444

Address: 244 E 3RD ST Actual:

City, State, Zip: IMLAY CITY 48444-1322 828 ft. **CLOSED**

Facility Type: Facility ID: 00021117

Owner Name: DOROTHY LENEGMANN (DBA) THE COUNTRY CORNER INC

THE COUNTRY CORNER

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 01/11/2001 Date of Collection: 100 Accuracy:

Horizontal Datum: NAD83 Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Lansing District Office District:

Tank ID: 1 Capacity: 1000

Tank Status: Removed from Ground

Kerosene Substance: Install Date: 05/05/1981 Remove Date: 09/01/1990 Tank Number: Not reported Tank Details Compartments: Not reported Not reported Tank Release Detection: Pipe Release Detection: Not reported

Direction Distance

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

THE COUNTRY CORNER (Continued)

U000257986

Piping Material: Not reported Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.02406 -83.07534 Longitude:

D25 **300 E SECOND STREET** BEA S107596688 SW 300 E SECOND STREET N/A

< 1/8 **IMLAY CITY, MI**

0.112 mi.

589 ft. Site 4 of 4 in cluster D

Relative: BEA: Higher Name:

300 E SECOND STREET 300 E SECOND STREET Address: Actual: City, State, Zip: IMLAY CITY, MI

817 ft. Secondary Address: Not reported BEA Number: 1034 District: Lansing

02/08/2006 Date Received: Submitter Name: B & B Storage LLC Affirmed

Petition Determination: Petition Disclosure: Category: Ν

Determination 20107A: No Request Reviewer: labrecgd Division Assigned: **ERD** Location ID: Not reported Submittal Type: Not reported Submittal Number: Not reported Approval Status: Not reported Workflow Status: Not reported Not reported Date Submitted: Not reported Date Completed: Township: Not reported Work Unit: Not reported Comments: Not reported Not reported Organization: Not reported Contact: Contact Type: Not reported

Organization Street Address: Not reported Organization City: Not reported Organization State: Not reported Not reported Organization Zip Code: Organization County: Not reported Contact Street Address: Not reported Contact City: Not reported Contact Zip Code: Not reported Contact State: Not reported

300 E SECOND STREET Name: 300 E SECOND STREET Address:

City,State,Zip: IMLAY CITY, MI Secondary Address: Not reported 1023 BEA Number: Lansing District: Date Received: 01/19/2006

Direction Distance

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

300 E SECOND STREET (Continued)

S107596688

Submitter Name: B & B Storage, LLC Petition Determination: No Request

Petition Disclosure: 0

Category: Ν

Determination 20107A: No Request labrecqd Reviewer: **ERD** Division Assigned: Location ID: Not reported Submittal Type: Not reported Submittal Number: Not reported Not reported Approval Status: Workflow Status: Not reported Date Submitted: Not reported Date Completed: Not reported Not reported Township: Not reported Work Unit: Comments: Not reported Not reported Organization: Contact: Not reported Not reported Contact Type: Organization Street Address: Not reported Organization City: Not reported Organization State: Not reported Organization Zip Code: Not reported Not reported Organization County: Contact Street Address: Not reported Contact City: Not reported

Not reported

Not reported

172 NORTH CEDAR STREET

172 NORTH CEDAR STREET

IMLAY CITY, MI 48444

Not reported

E26 172 NORTH CEDAR STREET ΝE 172 NORTH CEDAR STREET < 1/8 IMLAY CITY, MI 48444

Contact Zip Code:

Contact State:

0.117 mi.

620 ft. Site 3 of 3 in cluster E

Relative: Higher

Actual:

INVENTORY: Name: Address:

City,State,Zip: 817 ft. Township: District:

Lansing Risks Not Determined Data Source:

Lust Name: Not reported 201

Regulatory Program: Release Status: Not reported Project Manager: Peabody, Emily

43.02569825 Latitude: -83.07119481 Longitude:

BEA:

172 NORTH CEDAR STREET Name: Address: 172 NORTH CEDAR STREET Citv.State.Zip: IMLAY CITY, MI 48444

Secondary Address: Not reported BEA Number: 1067 District: Lansing

INVENTORY

BEA

S108084247

N/A

Direction Distance

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

172 NORTH CEDAR STREET (Continued)

S108084247

Date Received: 04/27/2006 Submitter Name: William S. Boom Petition Determination: No Request

Petition Disclosure: Category: Ν

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 Not reported Work Unit: 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

G27 AUTOZONE INC RCRA-VSQG 1007990105 SSE MIK677543514

225 S CEDAR ST IMLAY CITY, MI 48444 < 1/8

0.124 mi.

656 ft. Site 1 of 2 in cluster G

Relative: RCRA Listings:

Higher 20050131 Date Form Received by Agency: Handler Name: Autozone Inc Actual: Handler Address: 225 S CEDAR ST 812 ft. 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

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

AUTOZONE INC (Continued) 1007990105

State District: Not reported

Mailing Address: 123 SOUTH FRONT STREET

Mailing City, State, Zip:MEMPHIS, TN 38103Owner Name:Autozone IncOwner Type:PrivateOperator Name:Autozone IncOperator Type:PrivateShort-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: Nο Universal Waste Indicator: Yes Universal Waste Destination Facility: Yes Federal Universal Waste: Yes Active Site State-Reg Handler:

Federal Facility Indicator:
Hazardous Secondary Material Indicator:
Sub-Part K Indicator:
Not reported
Not reported
Not reported
Not on the Baseline
2018 GPRA Renewals Baseline:
Not on the Baseline

202 GPRA Corrective Action Baseline:NoSubject to Corrective Action Universe:NoNon-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:
Handler Date of Last Change:
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:

Manifest Broker:

Not reported
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: AUTOZONE INC

Distance
Elevation Site Database(s)

AUTOZONE INC (Continued) 1007990105

Legal Status: Private 20050131 Date Became Current: 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: 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

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:

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

EDR ID Number

EPA ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

G28 THERMOGAS CO AST A100206888
SSE 225 S CEDAR ST N/A

< 1/8 IMLAY CITY, MI 48444

0.124 mi.

Actual:

812 ft.

656 ft. Site 2 of 2 in cluster G

Relative: AST: Higher Nam

 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:

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-101367-15

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-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-043247-15
Tank Status: Removed from Premises

Capacity (in gallons): 30000
Installation Date: Not reported
Substance Stored: Other
Removed/Closed Date: 09/01/1995

H29 ARTPLACE CLEANERS INVENTORY \$111934145 WNW 213 E THIRD ST DRYCLEANERS N/A

1/8-1/4 IMLAY CITY, MI 48444 0.149 mi.

788 ft. Site 1 of 5 in cluster H

Relative: INVENTORY:

HigherName:FORMER ARTPLACE CLEANERSActual:Address:213 EAST THIRD STREET829 ft.City,State,Zip:IMLAY CITY, MI 48444

Township: Not reported

WDS

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

ARTPLACE CLEANERS (Continued)

S111934145

EDR ID Number

District: Lansing

Data Source: Risks Not Determined

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 Not reported Last Insp Date:

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

 H30
 ARTPLACE CLEANERS
 RCRA-VSQG
 1000347854

 WNW
 213 E THIRD ST
 FINDS
 MID017143959

1/8-1/4 0.149 mi.

788 ft. Site 2 of 5 in cluster H

Relative: RCRA Listings:

Higher Date Form Received by Agency:
Actual: Handler Name:
829 ft. Handler Address:

IMLAY CITY, MI 48444

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 City, State, Zip:

Contact Telephone:

Contact Fax:

Contact Email:

Contact Email:

Contact Title:

Not reported

Contact Title:

Not reported

EPA Region:

Land Type:

IMLAY CITY, I

810-724-7685

Not reported

Not reported

Oos

Private

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

20030403

Artplace Cleaners

213 E THIRD ST

Non-Notifier:

Biennial Report Cycle:

Not reported

Not reported

ECHO

Distance

Elevation Site Database(s) EPA ID Number

ARTPLACE CLEANERS (Continued)

1000347854

EDR ID Number

Accessibility:

Active Site Indicator:

State District Owner:

State District:

Not reported

Not reported

Not reported

Not reported

Mailing Address:

Mailing City, State, Zip:

Mallong City, State, Zip:

Not reported

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: Nο 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:

Hazardous Secondary Material Indicator:

Sub-Part K Indicator:

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:
Handler Date of Last Change:
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:

Manifest Broker:

Not reported

Not reported

Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001

Waste Description: IGNITABLE WASTE

Distance Elevation

Site Database(s) EPA ID Number

ARTPLACE CLEANERS (Continued)

1000347854

EDR ID Number

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 Not reported Date Ended Current: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

ARTPLACE CLEANERS (Continued)

1000347854

EDR ID Number

Recognized Trader Exporter:

Spent Lead Acid Battery Importer:

No
Spent Lead Acid Battery Exporter:

No
Current Record:

No
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:

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:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003588555

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

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

corrective action activities required under RCRA.

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

ECHO:

Envid: 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

Direction Distance

Elevation Site Database(s) **EPA ID Number**

I31 SPEEDWAY #8391 LUST U002301906

South 310 CEDAR ST UST N/A 1/8-1/4 IMLAY CITY, MI 48444 **INVENTORY Financial Assurance**

0.163 mi.

860 ft. Site 1 of 6 in cluster I

LUST: Relative: Higher

SPEEDWAY #8391 Name: Address: 310 CEDAR ST Actual: City,State,Zip: IMLAY CITY, MI 48444 816 ft.

Facility ID: 901

Source: Not reported Owner Name: Algahim, Fawzi Not reported Owner Address: Owner City,St,Zip: Not reported Owner Contact: Not reported (248) 259-9214 Owner Phone: Country: Not reported District: Lansing Cms #26 Site Name: 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 Risk Condition: Not reported Not reported Project Manager: 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 09/10/1990 Release Date: Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

UST:

SPEEDWAY #8391 Name: 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 **SPRINGFIELD** Owner City:

Owner State: OH Owner Zip: 45501 **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

Owner Contact: Not reported 9378643000 Owner Phone: Erick Swaisgood Contact: Contact Phone: (937) 863-6513 03/16/2015 Date of Collection: 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 Gasoline Substance: 09/17/1990 Install Date: Remove Date: Not reported Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.02124 Longitude: -83.07252

Name:SPEEDWAY #8391Address:310 CEDAR STCity,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 (937) 863-6513 Contact Phone: 03/16/2015 Date of Collection: 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

Direction Distance Elevation

ation Site Database(s) EPA ID Number

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

Install Date: 09/17/1990 Remove Date: Not reported Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Not reported Pipe Release Detection: Not reported Piping Material: Piping Type: Not reported Tank Construction: Not reported 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 9378643000 Owner Phone: 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: 7
Capacity: 8000

Tank Status: Currently In Use

Substance: Diesel Install Date: 09/17/1990 Remove Date: Not reported Tank Number: Not reported Not reported Tank Details Compartments: Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.02124 Longitude: -83.07252

 Name:
 SPEEDWAY #8391

 Address:
 310 CEDAR ST

 City,State,Zip:
 IMLAY CITY 48444

Facility Type: ACTIVE

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

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 03/16/2015 Date of Collection: Accuracy: 100 NAD83 Horizontal Datum: 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 Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Not reported Piping Type: Not reported Tank Construction: Impressed Device: Not reported Latitude: 43.02124 -83.07252 Longitude:

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: ОН 45501 Owner Zip: Owner Contact: Not reported Owner Phone: 9378643000 Contact: Erick Swaisgood (937) 863-6513 Contact Phone: 03/16/2015 Date of Collection: Accuracy: 100 NAD83 Horizontal Datum: Accuracy Value Unit: **FEET**

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

Method of Collection: Address Matching-House Number

District: Lansing District Office

Tank ID: 5 Capacity: 2000

Tank Status: Removed from Ground

Substance: Kerosene 04/08/1971 Install Date: Remove Date: 09/12/1990 Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Not reported Piping Material: 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: ОН Owner Zip: 45501 Owner Contact: Not reported 9378643000 Owner Phone: Contact: Erick Swaisgood Contact Phone: (937) 863-6513 Date of Collection: 03/16/2015 100 Accuracy:

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

Direction

Elevation Site Database(s) EPA ID Number

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

Longitude: -83.07252

Name:SPEEDWAY #8391Address:310 CEDAR STCity,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 04/07/1974 Install Date: 09/11/1990 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Not reported Pipe Release Detection: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

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 04/07/1974 Install Date: 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 43.02124 Latitude: 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 45501 Owner Zip: Owner Contact: Not reported Owner Phone: 9378643000 Contact: Erick Swaisgood (937) 863-6513 Contact Phone: 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:

Substance:
Install Date:
Remove Date:
Tank Number:
Tank Details Compartments:
Not reported
Tank Release Detection:

Currently In Use
Kerosene
09/17/1990
Not reported
Not reported
Not reported
Not reported

Direction Distance Elevation

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

SPEEDWAY #8391 (Continued)

U002301906

EDR ID Number

Pipe Release Detection: Not reported Not reported Piping Material: Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.02124 Latitude: 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 PO BOX 1500 Owner Address: Owner City: **SPRINGFIELD**

Owner State: ОН 45501 Owner Zip: Owner Contact: Not reported Owner Phone: 9378643000 Contact: Erick Swaisgood (937) 863-6513 Contact Phone: Date of Collection: 03/16/2015 Accuracy: 100 NAD83

Horizontal Datum: Accuracy Value Unit: **FEET**

Source: STATE OF MICHIGAN

Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

Address Matching-House Number Method of Collection:

District: Lansing District Office

Tank ID: 10 Capacity: 12000 Tank Status: Currently In Use Gasoline Substance: Install Date: 09/17/1990 Remove Date: Not reported Tank Number: Not reported

Tank Details Compartments: Not reported Tank Release Detection: Not reported Not reported Pipe Release Detection: Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.02124 Latitude: Longitude: -83.07252

> Click this hyperlink while viewing on your computer to access 1 additional MI_UST: record(s) in the EDR Site Report.

SPEEDWAY #8391 Name: 310 CEDAR ST Address: City,State,Zip: **IMLAY CITY 48444**

Facility Type: **ACTIVE** Facility ID: 00000901 Owner Name: SPEEDWAY LLC

Direction Distance

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

SPEEDWAY #8391 (Continued)

U002301906

Owner Address: PO BOX 1500 SPRINGFIELD Owner City: Owner State: OH

Owner Zip: 45501 Owner Contact: Not reported 9378643000 Owner Phone: Contact: Erick Swaisgood (937) 863-6513 Contact Phone: Date of Collection: 03/16/2015 Accuracy: 100 NAD83 Horizontal Datum: Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Address Matching-House Number Method of Collection:

Lansing District Office District:

Tank ID: Capacity: 6000

Removed from Ground Tank Status:

Substance: Gasoline 04/07/1968 Install Date: Remove Date: 09/11/1990 Tank Number: Not reported Not reported Tank Details Compartments: 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

INVENTORY:

SPEEDWAY #8391 Name: 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

43.021246 Latitude: Longitude: -83.07252

FINANCIAL ASSURANCE 3:

SPEEDWAY #8391 Name: 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

Direction Distance

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

SPEEDWAY #8391 (Continued) U002301906

Commerical Insurance: **CHECKED** Not reported Guarantee: Not reported Letter of Credit: Not reported Risk Retention Group: Self Insurance: Not reported Not reported State Funds: Not reported Surety Bond: Trust Funds: Not reported Year: 2022

SPEEDWAY LLC RCRA-VSQG 132 1004722457 South 310 S CEDAR ST **FINDS** MI0000961854

1/8-1/4 IMLAY CITY, MI 48444 **ECHO**

0.174 mi.

917 ft. Site 2 of 6 in cluster I

Relative: RCRA Listings:

Higher Date Form Received by Agency: 20120705 Handler Name: Speedway Llc Actual: 310 S CEDAR ST Handler Address: 817 ft. Handler City, State, Zip: IMLAY CITY, MI 48444

EPA ID: MI0000961854 Contact Name: **CHARLES A BESSE** Not reported Contact Address: Contact City, State, Zip: Not reported 937-863-6272 Contact Telephone: Contact Fax: 937-863-6078

Contact Email: CABESSE@SPEEDWAY.COM

Contact Title: Not reported EPA Region: 05 Land Type: Private

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

Not reported Non-Notifier: Biennial Report Cycle: Not reported Accessibility: Not reported Handler Activities Active Site Indicator: State District Owner: Not reported State District: Not reported P O BOX 1500 Mailing Address:

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:** Nο Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: No Federal Universal Waste: No Active Site State-Reg Handler:

Direction Distance

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

SPEEDWAY LLC (Continued)

1004722457

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:

D001 Waste Code:

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 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

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY LLC (Continued) 1004722457

Owner/Operator Indicator: Operator

Owner/Operator Name: SPEEDWAY LLC

Legal Status: Private Date Became Current: 19980101 Date Ended Current: Not reported Not reported Owner/Operator Address: Owner/Operator City, State, Zip: Not reported Not reported Owner/Operator Telephone: 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: 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: 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

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

EDR ID Number

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

SPEEDWAY LLC (Continued) 1004722457

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:

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:

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: 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:

 ${\bf Environmental\ Interest/Information\ System:}$

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

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

SPEEDWAY LLC (Continued)

1004722457

WDS

<u>Click this hyperlink</u> 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

I33 SPEEDWAY SUPERAMERICA, LLC AUL S111932684
South 310 S CEDAR STREET AIRS N/A

1/8-1/4 IMLAY CITY, MI 48444

0.174 mi.

917 ft. Site 3 of 6 in cluster I

Relative: AUL: Higher Na

 Higher
 Name:
 SPEEDWAY #8391

 Actual:
 Address:
 310 SOUTH CEDAR STREET

Actual:Address:310 SOUTH CEDAR STREE817 ft.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 Deg Ref #: 19121316030

MDEQ Reference Number: MDOT-RRD-213-16-030

Property Or Description Restricted Area: Not reported 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 0 Commercial li Land Use Restriction: Commercial lii 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 0 **Groundwater Consumption Restrictions: 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

Direction Distance

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

SPEEDWAY SUPERAMERICA, LLC (Continued)

S111932684

Monitoring Well Protected, No Tampering Or Removal: 0 0 There Is An Exposure Barrier In Place: 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 IMLAY CITY, MI 48444 City, State, Zip:

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

Not reported

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 SSA #8391 Supplemental Location Text: Business Name: Not reported Principal Product: Not reported Principal Product Description: Not reported

UTM Zone (Geo Coordinates Universal Transverse Mercator System):

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 El Contact Area Code: Not reported El Contact Phone Number: Not reported Permit Contact Person: Not reported Not reported Permit Contact Person Area Code: Permit Contact Person Phone Number: Not reported

Not reported # Of Employees: Reporting Year: Not reported Date Record Was Created: Not reported

Federal Employer Id Number:

Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY SUPERAMERICA, LLC (Continued)

S111932684

EDR ID Number

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

J34 MI DEPT/AGRICULTURE INVENTORY \$111954329

WSW 140 E 2ND ST BEA N/A 1/8-1/4 IMLAY CITY, MI 48444 WDS

0.181 mi.

954 ft. Site 1 of 3 in cluster J

Relative: INVENTORY:

HigherName:140 EAST 2ND STREETActual:Address:140 EAST 2ND STREET

819 ft. 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: NaN Longitude: NaN

BEA:

Location ID:

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 07/21/2016 Date Received: Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Reviewer: Not reported Division Assigned: Not reported

Submittal Type: Baseline Environmental Assessment

44000282

Submittal Number: B201602191LA
Approval Status: RRD Received
Workflow Status: Submitted

Date Submitted: 2016-07-25 13:47:39

Date Completed:

Township:

Work Unit:

Not reported
Imlay City
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

Direction Distance

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

MI DEPT/AGRICULTURE (Continued)

S111954329

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

RCRA NonGen / NLR

here) (any other information is entered here) Notification provided

to: Date: (Name here)

Not reported

Not reported

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

WDS:

Contact Zip Code:

Contact State:

MI DEPT/AGRICULTURE Name:

Address: 140 E 2ND ST

City,State,Zip: IMLAY CITY, MI 48444 Site Id: MIP200001520

WMD Id: 435405

Site Specific Name: MI DEPT/AGRICULTURE

Mailing Address: 140 E 2ND ST Mailing City/State/Zip: 48444 Mailing County: **LAPEER**

J35 MI DEPT/AGRICULTURE

WSW 140 E 2ND ST 1/8-1/4 IMLAY CITY, MI 48444

0.181 mi.

954 ft. Site 2 of 3 in cluster J

Relative: RCRA Listings:

Higher Date Form Received by Agency: 19800101

Mi Dept/Agriculture Handler Name: Actual: Handler Address: 140 E 2ND ST 819 ft. 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 1007102243

MIP200001520

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

MI DEPT/AGRICULTURE (Continued)

1007102243

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

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: Nο 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:

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:
Handler Date of Last Change:
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: MI DEPT/AGRICULTURE

Legal Status: State

Distance

Elevation Site Database(s) EPA ID Number

MI DEPT/AGRICULTURE (Continued)

1007102243

EDR ID Number

Date Became Current: 20070101 Not reported Date Ended Current: 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: 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

Direction Distance

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

J36 LAPEER COUNTY CO-OP INC UST U002301893
WSW 140 E 2ND ST N/A

LAPEER COUNTY CO-OP INC

WSW 140 E 2ND ST 1/8-1/4 IMLAY CITY, MI 48444

0.181 mi.

954 ft. Site 3 of 3 in cluster J

Relative: UST: Higher Name:

 Actual:
 Address:
 140 E 2ND ST

 819 ft.
 City,State,Zip:
 IMLAY CITY 48444-1332

 819 ft.
 City,State,Zip:
 IMLAY CIT

 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 **DONALD CURREY** Contact: Contact Phone: (810) 664-2907 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: 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

H37 COLES CLEANERS INC RCRA NonGen / NLR 1000220638
West 144 E 3RD ST FINDS MID064190697

West 144 E 3RD ST 1/8-1/4 IMLAY CITY, MI 48444

0.188 mi.

993 ft. Site 3 of 5 in cluster H

Relative: RCRA Listings:

Higher Date Form Received by Agency: 19860911

Actual:Handler Name:Coles Cleaners Inc830 ft.Handler Address:144 E 3RD ST

Handler City, State, Zip: IMLAY CITY, MI 48444
EPA ID: MID064190697
Contact Name: CARMEN BOTELLO

ECHO

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

COLES CLEANERS INC (Continued)

1000220638

Contact Address: 144 E 3RD ST

Contact City, State, Zip: IMLAY CITY, MI 48444

Contact Telephone:313-724-6213Contact Fax:Not reportedContact Email:Not reportedContact Title:Not reported

Contact Title: Not repo EPA Region: 05 Land Type: Other

Federal Waste Generator Description: Not a generator, verified

Non-Notifier:Not reportedBiennial Report Cycle:Not reportedAccessibility:Not reportedActive Site Indicator:Not reportedState District Owner:Not reportedState District:Not reportedMailing 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: Nο Recycler Activity with Storage: Nο Small Quantity On-Site Burner Exemption: No Smelting Melting and Refining Furnace Exemption: No **Underground Injection Control:** No Off-Site Waste Receipt: Nο 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:

2018 GPRA Permit Baseline:

Not on the Baseline

2018 GPRA Renewals Baseline:

Not on the Baseline

202 GPRA Corrective Action Baseline:

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:
Handler Date of Last Change:
Recognized Trader-Importer:
No

Recognized Trader-Importer:

Recognized Trader-Exporter:

No
Importer of Spent Lead Acid Batteries:

No

Direction Distance

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

No

COLES CLEANERS INC (Continued)

1000220638

Exporter of Spent Lead Acid Batteries:

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 Not reported Owner/Operator Fax: 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 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

Direction Distance

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

COLES CLEANERS INC (Continued)

1000220638

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003600988

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

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

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 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

H38 **CLOTHES BASKET CLEANERS** DRYCLEANERS \$117978158 West 144 EAST THIRD STREET N/A

1/8-1/4

IMLAY CITY, MI 48444 0.188 mi.

Site 4 of 5 in cluster H 993 ft.

Relative:

DRYCLEANERS:

Higher Actual: 830 ft.

Name: RAINBOW DRY CLEANERS Address: 144 EAST THIRD STREET City,State,Zip: IMLAY CITY, MI 48444

fadd2: Not reported Closed Facility Status: Establishment#: 4400003 DCM #: Not reported DCM Type: Commercial Total lb: Not reported Inspector: joejaskowski Last Insp Date: Not reported

CLOTHES BASKET CLEANERS Name: 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 Not reported Inspector: Last Insp Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

 H39
 144 E 3RD STREET
 INVENTORY S111935040

 West
 144 E 3RD STREET
 WDS N/A

1/8-1/4 IMLAY CITY, MI 48444

0.188 mi.

993 ft. Site 5 of 5 in cluster H

Relative: INVENTORY: Higher Name:

HigherName:144 E 3RD STREETActual:Address:144 E 3RD STREET830 ft.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. Em

Project Manager: Peabody, Emily Latitude: 43.02424499 Longitude: -83.07651317

WDS:

Name: COLES CLEANERS INC

Address: 144 E 3RD ST

City,State,Zip: IMLAY CITY, MI 48444 Site Id: MID064190697

WMD ld: 396733

Site Specific Name: COLES CLEANERS Mailing Address: 144 E 3RD ST

Mailing City/State/Zip: 48444
Mailing County: LAPEER

 I40
 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.

1027 ft. Site 4 of 6 in cluster I

 Relative:
 LUST:

 Higher
 Name:
 GTE NORTH, INC

 Actual:
 Address:
 311 S CEDAR ST

 820 ft.
 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
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

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

GTE NORTH, INC (Continued)

U003867045

EDR ID Number

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:19835Release Date:06/18/1992Substance Released:Not reportedRelease Status:ClosedRelease 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

Tank ID: 3 Capacity: 500

Tank Status: Removed from Ground

Used Oil Substance: 04/30/1973 Install Date: Remove Date: 06/18/1992 Tank Number: Not reported Tank Details Compartments: Not reported Not reported Tank Release Detection: Not reported Pipe Release Detection: Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported

Direction
Distance

Elevation Site Database(s) EPA ID Number

GTE NORTH, INC (Continued)

U003867045

EDR ID Number

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 Not reported Owner Contact: 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 Not reported Desc Category: Method of Collection: Not reported Not reported District: Tank ID: 1130030B 6000 Capacity:

Tank Status: Removed from Ground

Gasoline Substance: 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

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

Direction Distance

Elevation Site Database(s) EPA ID Number

 I41
 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.

1027 ft. Site 5 of 6 in cluster I

Relative: RCRA Listings:
Higher Date Form Received by Agency:

Actual:Handler Name:Verizon North Inc820 ft.Handler Address:311 S CEDAR STHandler 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 City, State, Zip.

Contact Telephone:

Contact Fax:

Contact Email:

Contact Email:

Contact Title:

PA Region:

O5

EPA Region: 05
Land Type: Private

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

20050308

Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities

Active Site Indicator:

State District Owner:

State District:

Not reported

Mailing Address:

Handler Activities

Not reported

1500 MACCOR

Mailing Address: 1500 MACCORKLE AVE SE
Mailing City, State, Zip: CHARLESTON, WV 25314

Owner Name: Gte North Inc.

Owner Name: Gte North Inc
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:

Hazardous Secondary Material Indicator:

Sub-Part K Indicator:

2018 GPRA Permit Baseline:

Not on the Baseline

2018 GPRA Renewals Baseline:

Not on the Baseline

202 GPRA Corrective Action Baseline:

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

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

VERIZON NORTH INC (Continued)

1000213251

EDR ID Number

Human Exposure Controls Indicator:

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:
Handler Date of Last Change:
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:

Manifest Broker:

Not reported

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: 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 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

Direction Distance Elevation

Site Database(s) EPA ID Number

VERIZON NORTH INC (Continued)

1000213251

EDR ID Number

Owner/Operator Email: Not reported

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

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

Direction Distance Elevation

Site Database(s) EPA ID Number

VERIZON NORTH INC (Continued)

1000213251

EDR ID Number

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

Not reported

Not reported

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: 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 Not reported Owner/Operator City, State, Zip: 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

Historic Generators:

Receive Date: 19851127

Handler Name: VERIZON NORTH INC

Federal Waste Generator Description: Not a generator, verified

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

VERIZON NORTH INC (Continued)

1000213251

State District Owner: Not reported

Large Quantity Handler of Universal Waste:

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:

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:

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: 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:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Direction Distance

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

VERIZON NORTH INC (Continued)

1000213251

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

1000213251 Envid: 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

142 DODGE CS AND SON AND SON INC RCRA NonGen / NLR 1000528812 South 320 S CEDAR ST **FINDS** MID985612399

20010826

Private

Nο

1/8-1/4 IMLAY CITY, MI 48444 **ECHO**

0.202 mi.

1065 ft. Site 6 of 6 in cluster I

Relative: RCRA Listings: Higher Date Form Received by Agency:

Land Type:

Underground Injection Control:

Handler Name: Dodge Cs And Son And Son Inc

Actual: Handler Address: 320 S CEDAR ST 819 ft.

IMLAY CITY, MI 48444 Handler City, State, Zip: 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 Not reported Contact Title: EPA Region: 05

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

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

DODGE CS AND SON AND SON INC (Continued)

1000528812

Off-Site Waste Receipt:

Universal Waste Indicator:

Universal Waste Destination Facility:

No
Federal Universal Waste:

Active Site State-Reg Handler:

Federal Facility Indicator: Not reported

Hazardous Secondary Material Indicator: NN

Sub-Part K Indicator:

2018 GPRA Permit Baseline:

Not on the Baseline

2018 GPRA Renewals Baseline:

Not on the Baseline

202 GPRA Corrective Action Baseline:

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:
Handler Date of Last Change:
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 Not reported Owner/Operator Address: 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: BURNS DENNIS

Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported

Distance Elevation Si

vation Site Database(s) EPA ID Number

DODGE CS AND SON AND SON INC (Continued)

1000528812

EDR ID Number

Owner/Operator City,State,Zip:

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Owner/Operator Fax:

Owner/Operator Fax:

Owner/Operator Email:

Not reported

Not reported

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

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: 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:

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: 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:

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

Direction Distance

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

DODGE CS AND SON AND SON INC (Continued)

1000528812

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

FINDS:

Registry ID: 110003657105

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

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

ECHO:

1000528812 Envid: 110003657105 Registry ID:

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003657105

DODGE CS AND SON AND SON INC Name:

Address: 320 S CEDAR ST IMLAY CITY, MI 48444 City,State,Zip:

K43 **RCRA-VSQG** 1026832782 STYLE TECH'S MIK174921930

WNW 101 E THIRD ST 1/8-1/4 IMLAY CITY, MI 48444

0.236 mi.

1247 ft. Site 1 of 2 in cluster K

Relative: RCRA Listings:

Higher Date Form Received by Agency: 20210319 Handler Name: Style Tech'S Actual: Handler Address: 101 E THIRD ST 828 ft. 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

MAP FINDINGS Map ID Direction

Distance

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

STYLE TECH'S (Continued)

1026832782

Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: Not reported State District: Not reported Mailing Address: 101 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: Nο 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:

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: Nο Manifest Broker: No Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001

IGNITABLE WASTE Waste Description:

Direction Distance

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

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 Not reported Date Ended Current: 101 E THIRD ST Owner/Operator Address:

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:

NAICS Description: OTHER PERSONAL CARE SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

44 GTE NORTH INC UST U000257966 NW 155 E 4TH ST N/A

1/8-1/4 IMLAY CITY, MI 48444

0.240 mi. 1266 ft.

 Relative:
 UST:

 Higher
 Name:
 GTE NORTH INC

 Actual:
 Address:
 155 E 4TH ST

Owner Phone:

828 ft. 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

Contact: MR CHARLES HARTER

3178966605

 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

45 AMERIGAS EAGLE AST A100270288 ESE 600 E 1ST ST N/A

1/8-1/4 IMLAY CITY, MI 48444

0.244 mi. 1290 ft.

Relative: AST:

 Lower
 Name:
 AMERIGAS EAGLE

 Actual:
 Address:
 600 E 1ST ST

 802 ft.
 City:
 IMLAY CITY

 Zip:
 48444-1364

Zip: 48444-1364 Facility ID: 92084174

Owner Name: AMERIGAS EAGLE

Direction Distance

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

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

STATE OF MICHIGAN Source:

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 -83.070724 Longitude:

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

46 **COUNTRY CORNER** LUST S102852168 North N/A

1/4-1/2 0.265 mi. 1401 ft.

345 N CEDAR ST IMLAY CITY, MI 48444

Relative: LUST: Higher Name: COUNTRY CORNER Address: 345 N CEDAR ST Actual: City,State,Zip: IMLAY CITY, MI 48444 822 ft.

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 Country Corners Site Name:

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 Not reported Project Manager: Senate District: Not reported House District: Not reported US Congressional District: Not reported

Leak Number: 15365

Direction Distance

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

COUNTRY CORNER (Continued)

Release Date: 11/02/1989 Substance Released: Not reported Closed Release Status: Release Closed Date: 10/19/1993

K47 W NEIL SPINK DDS LUST U003995517 WNW 110 W 3RD ST UST N/A

1/4-1/2 IMLAY CITY, MI 48444

0.270 mi.

Actual:

828 ft.

1425 ft. Site 2 of 2 in cluster K

Relative: LUST: Higher 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 Not reported Owner Contact: Owner Phone: Not reported

Country: Not reported District: Lansing W Neil spink DDS Site Name: Latitude: 43.02402 -83.07777 Lonaitude:

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).

100 Accuracy:

Accuracy Value Unit: Not reported

North American Datum of 1983 Horizontal Data:

Not reported Point Line Area: Not reported Desc Category: 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:

W NEIL SPINK DDS Name: Address: 110 W 3RD ST

IMLAY CITY, MI 48444-1096 City,State,Zip: Removed from Ground Facility Type:

S102852168

Direction Distance

Elevation Site Database(s) EPA ID Number

W NEIL SPINK DDS (Continued)

U003995517

EDR ID Number

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 Not reported Accuracy: 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

1988-12-01 00:00:00 Remove Date: Tank Number: UTK-120457-15 Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Other Piping Material: Unknown Not reported Piping Type: Tank Construction: Other, Unknown Impressed Device: Not reported Latitude: Not reported Not reported Longitude:

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 48444 Owner Zip: Owner Contact: Not reported Owner Phone: 8107246441 Contact: Not reported Contact Phone: Not reported Date of Collection: Not reported Accuracy: Not reported Not reported Horizontal Datum: Accuracy Value Unit: Not reported Source: Not reported Point Line Area: Not reported Desc Category: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

W NEIL SPINK DDS (Continued)

U003995517

EDR ID Number

Method of Collection:

District:

Tank ID:

Capacity:

Not reported

Not reported

Not-reported

Not-reported

1000

Tank Status: Removed from Ground

Gasoline Substance: Not reported Install Date: 1988-12-01 00:00:00 Remove Date: 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:

Latitude:

Not reported

Not reported

Not reported

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 100 Accuracy:

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

Used Oil Substance: Install Date: Not reported 01/01/1988 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.02402

Direction Distance

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

W NEIL SPINK DDS (Continued)

Longitude: -83.07777

U001147832 48 PELINE PROPERTY / MCDONALD PLAZA LUST

South **UST 587 S CEDAR ST** N/A

1/4-1/2 IMLAY CITY, MI 48444 **INVENTORY BEA**

0.415 mi. 2189 ft.

Relative: LUST:

Higher PELINE PROPERTY / MCDONALD PLAZA Name:

Address: 587 S CEDAR ST Actual: IMLAY CITY, MI 48444 City, State, Zip: 822 ft.

Facility ID: 36390 Source: Not reported CRAMBLET, C.C. Owner Name: Owner Address: Not reported Owner City, St, Zip: Not reported Owner Contact: Not reported Owner Phone: Not reported Not reported Country: 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 11/16/1999 Release Date: 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 U003995517

Direction Distance

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

PELINE PROPERTY / MCDONALD PLAZA (Continued)

U001147832

46456 SPRUCE DR Owner Address: SHELBY TOWNSHIP Owner City:

Owner State: MI

Owner Zip: 48315-5756 Owner Contact: Not reported 2486898660 Owner Phone: Contact: MR REMO PELINI Contact Phone: (313) 689-8660 Date of Collection: 01/11/2001 Accuracy: 100

NAD83 Horizontal Datum: Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Address Matching-House Number Method of Collection:

Lansing District Office District:

Tank ID:

Capacity: Not reported

Removed from Ground Tank Status:

Substance: Other(UNK) Not reported Install Date: Remove Date: 11/06/1999 Tank Number: Not reported Not reported Tank Details Compartments: Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.01758 Longitude: -83.07183

INVENTORY:

PELINE PROPERTY / MCDONALD PLAZA Name:

587 S CEDAR ST Address: City, State, Zip: IMLAY CITY, MI 48444

Township: Imlay City District: Lansing

Data Source: Risks Controlled-Interim

Lust Name: Mcdonald Plaza

Regulatory Program: Release Status: Open

Project Manager: Eggleston, Michael

43.017587 Latitude: Longitude: -83.071838

BEA:

PELINE PROPERTY / MCDONALD PLAZA Name:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

PELINE PROPERTY / MCDONALD PLAZA (Continued)

U001147832

EDR ID Number

Submitter Name: Not reported Petition Determination: Not reported Not reported Petition Disclosure: Not reported Category: Determination 20107A: Not reported Not reported Reviewer: Not reported Division Assigned: 00036390 Location ID:

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:

Township:

Work Unit:

Not reported
Imlay City
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 Keith Goodreau Contact: 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

QWIK STOP #7 LUST 1000465329 557 N CEDAR ST UST N/A

1/4-1/2 IMLAY CITY, MI 48444 0.425 mi.

INVENTORY BEA WDS

2242 ft.

49

North

823 ft.

 Relative:
 LUST:

 Higher
 Name:
 QWIK STOP #7

 Actual:
 Address:
 557 N CEDAR ST

City, State, Zip: IMLAY CITY, MI 48444 Facility ID: 16549 Source: Not reported Owner Name: Not reported Not reported Owner Address: Owner City, St, Zip: Not reported Not reported Owner Contact: Owner Phone: Not reported Country: Not reported

District: Lansing
Site Name: Tri-county Petroleum

Latitude: 43.03002 Longitude: -83.07171

Direction Distance

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

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:

Accuracy Value Unit: Not reported

Horizontal Data: North American Datum of 1983

Not reported Point Line Area: 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 02/25/1991 Release Date: Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

Leak Number: C-0285-91 02/25/1991 Release Date: Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

UST:

Name: QWIK STOP #7 Address: 557 N CEDAR ST IMLAY CITY 48444-1165 City,State,Zip:

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 2486800303 Owner Phone: Contact: Not reported

Contact Phone: ()-Date of Collection: 01/11/2001 Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

Address Matching-House Number Method of Collection:

Lansing District Office District:

Tank ID: 6 Capacity: 12000

Removed from Ground Tank Status:

Substance: Diesel Install Date: 04/23/1975 Remove Date: 06/19/1991 Tank Number: Not reported

Direction Distance Elevation

nce EDR ID Number ation Site Database(s) EPA ID Number

QWIK STOP #7 (Continued)

1000465329

Tank Details Compartments: Not reported Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.03002 Latitude: -83.07171 Longitude:

 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 Not reported Tank Details Compartments: 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

Direction
Distance

Elevation Site Database(s) EPA ID Number

QWIK STOP #7 (Continued)

Accuracy Value Unit:

1000465329

EDR ID Number

Owner City: **TROY** Owner State: MI 48083-1666 Owner Zip: Owner Contact: Not reported 2486800303 Owner Phone: Contact: Not reported Contact Phone: ()-01/11/2001 Date of Collection: Accuracy: 100 Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

FEET

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 Not reported Tank Number: Tank Details Compartments: Not reported Not reported Tank Release Detection: Not reported Pipe Release Detection: 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

Direction Distance Elevation

ation Site Database(s) EPA ID Number

QWIK STOP #7 (Continued)

1000465329

EDR ID Number

Capacity: 6000

Tank Status: Removed from Ground

Substance: Diesel Install Date: 04/23/1975 Remove Date: 06/19/1991 Not reported Tank Number: Not reported Tank Details Compartments: Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Not reported Tank Construction: Not reported Impressed Device: 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 04/23/1975 Install Date: 06/19/1991 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Not reported Impressed Device: Latitude: 43.03002 Longitude: -83.07171

Name: QWIK STOP #7

Direction Distance

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

QWIK STOP #7 (Continued) 1000465329

Address: 557 N CEDAR ST IMLAY CITY 48444-1165 City,State,Zip:

Facility Type: CLOSED Facility ID: 00016549

TRI COUNTY PETRO Owner Name: Owner Address: 2359 LIVERNOIS

Owner City: **TROY** Owner State: MI Owner Zip: 48083-1666

Owner Contact: Not reported 2486800303 Owner Phone: Contact: Not reported Contact Phone: ()-

Date of Collection: 01/11/2001 Accuracy: 100 Horizontal Datum: NAD83 Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

Method of Collection: Address Matching-House Number

Lansing District Office District:

Tank ID:

Capacity: 6000

Removed from Ground Tank Status:

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:

QWIK STOP #7 Name: Address: 557 N CEDAR ST City, State, Zip: IMLAY CITY, MI 48444

Township: Imlay City Lansing District:

Risks Present and Require Action in Long-term Data Source:

Lust Name: Tri-county Petroleum

Regulatory Program: 213 Release Status: Open

Eggleston, Michael Project Manager:

Latitude: 43.030023 Longitude: -83.071714

BEA:

Name: **QWIK STOP #7** Address: 557 N CEDAR ST

Distance Elevation

on Site Database(s) EPA ID Number

QWIK STOP #7 (Continued)

City,State,Zip: IMLAY CITY, MI 48444

Secondary Address: Not reported BEA Number: Not reported District: Not reported Date Received: 03/03/1998 Not reported Submitter Name: Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Not reported Reviewer: Not reported Division Assigned: 00016549 Location ID:

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:

Township:

Work Unit:

Comments:

Not reported
Imlay City
Lansing
Not reported

Organization: Imlay City Investments, L.L.C.

Contact: Abi-Raji, Antoine Submitter Contact Contact Type: 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 Not reported Petition Determination: Petition Disclosure: Not reported Not reported Category: 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

EDR ID Number

1000465329

Direction Distance Elevation

ation Site Database(s) EPA ID Number

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 Not reported Organization State: Organization Zip Code: Not reported Organization County: Not reported Contact Street Address: Not reported Not reported Contact City: 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 08/07/1997 Date Received: Submitter Name: Not reported Petition Determination: Not reported Not reported Petition Disclosure: Category: Not reported Determination 20107A: Not reported Reviewer: Not reported Division Assigned: Not reported 00016549 Location ID:

Submittal Type: Baseline Environmental Assessment

Not reported

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

Organization: Rite Aid Corp. of Michigan

Contact: Kirkwood, Paul Contact Type: Submitter Contact Organization Street Address: Not reported Not reported Organization City: 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:

Comments:

Name: PERRY DRUG STORES INC

 Address:
 557 N CEDAR ST

 City,State,Zip:
 IMLAY CITY, MI 48444

 Site Id:
 MID985599612

EDR ID Number

Direction Distance

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

QWIK STOP #7 (Continued) 1000465329

WMD Id: 403939

RITE AID #4330 Site Specific Name: Mailing Address: 30 HUNTER LN

Mailing City/State/Zip: 17011 Mailing County: Not reported

L50 **IMLAY QUICKMART INC INVENTORY** S118614832 NNE 546 N CEDAR ST **BEA** N/A

1/4-1/2 IMLAY CITY, MI 48444 **Financial Assurance**

0.432 mi.

2283 ft. Site 1 of 3 in cluster L

Relative: INVENTORY:

Higher **IMLAY QUICKMART INC** Name: 546 N CEDAR ST Address: Actual: City, State, Zip: IMLAY CITY, MI 48444 813 ft.

Township: Imlay City District: Lansing Risk Controlled Data Source: Total #548 Lust Name: Regulatory Program: 213

Release Status: Closed

Eggleston, Michael Project Manager:

Latitude: 43.02984 Longitude: -83.070633

BEA:

Location ID:

IMLAY QUICKMART INC Name: 546 N CEDAR ST Address: IMLAY CITY, MI 48444 City, State, Zip:

Secondary Address: Not reported BEA Number: Not reported Not reported District: Date Received: 03/07/2016 Not reported Submitter Name: Petition Determination: Not reported Petition Disclosure: Not reported Category: Not reported Determination 20107A: Not reported Not reported Reviewer: Division Assigned: Not reported 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 Work Unit: Lansing

Category A1 Associated ID #s like ITS and Site ID go here. FID No. Comments: 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:

Imlay Quickmart Inc. Organization:

Direction Distance

Elevation Site Database(s) EPA ID Number

IMLAY QUICKMART INC (Continued)

S118614832

EDR ID Number

Contact: Manhal Botrus **Submitter Contact** Contact Type: 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 Not reported District: Date Received: 03/07/2016 Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Not reported Reviewer: Division Assigned: Not reported 00010667 Location ID:

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:

Township:

Work Unit:

Not reported
Imlay City
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:

Alaris Group, LLC Organization: Contact: Manhal Botrus **Submitter Contact** Contact Type: 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

FINANCIAL ASSURANCE 3:

Name: J & J IMLAY CITY LLC Address: 546 N CEDAR ST

Direction Distance

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

IMLAY QUICKMART INC (Continued)

S118614832

City, State, Zip: IMLAY CITY, MI 48444-1166

00010667 Facility ID: 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

L51 **IMLAY QUICKMART INC** LUST U000258055 NNE 546 N CEDAR ST **UST** N/A IMLAY CITY, MI 48444 **WDS** 1/4-1/2

0.432 mi.

2283 ft. Site 2 of 3 in cluster L

Relative: LUST: Higher Name:

IMLAY QUICKMART INC 546 N CEDAR ST Address: Actual: City, State, Zip: IMLAY CITY, MI 48444 813 ft.

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 Total #548 Site Name: 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:

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

17046 Leak Number: Release Date: 10/16/1990 Substance Released: Not reported Release Status: Closed Release Closed Date: 12/15/2002

Direction Distance Elevation

ation Site Database(s) EPA ID Number

IMLAY QUICKMART INC (Continued)

U000258055

EDR ID Number

Leak Number: 21456
Release Date: 02/08/1993
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 12/15/2002

Leak Number:24899Release Date:09/14/1995Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:12/15/2002

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 Not reported Owner Contact: 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)

Direction Distance Elevation

on Site Database(s) EPA ID Number

IMLAY QUICKMART INC (Continued)

U000258055

EDR ID Number

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 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 2488803434 Owner Phone: Not reported Contact: Contact Phone: Not reported Date of Collection: Not reported Accuracy: Not reported Horizontal Datum: Not reported Not reported Accuracy Value Unit: Source: Not reported Point Line Area: Not reported Desc Category: Not reported Method of Collection: Not reported

Tank ID: 5 Capacity: 50

District:

Tank Status: Removed from Ground Substance: Other(Floor Hoist)
Install Date: 05/01/1966
Remove Date: 04/07/2003

Not reported

Tank Number: Not reported Not reported Tank Details Compartments: Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported Latitude: Not reported Longitude: Not reported

Name: IMLAY QUICKMART INC Address: 546 N CEDAR ST City, State, Zip: IMLAY CITY 48444-1166

Facility Type: ACTIVE

Direction Distance

Elevation Site Database(s) EPA ID Number

IMLAY QUICKMART INC (Continued)

U000258055

EDR ID Number

Facility ID: 00010667

Owner Name: ALARIS GROUP LLC
Owner Address: 41277 VANCOUVER
Owner City: STERLING HEIGHTS

Owner State: MI 48314 Owner Zip: Owner Contact: Not reported Owner Phone: 2488803434 Contact: Manhal Botrus Contact Phone: (248) 880-3434 Date of Collection: 03/16/2015 Accuracy: 100 NAD83 Horizontal Datum: 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 10/04/1990 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Not reported Piping Type: Not reported Tank Construction: Impressed Device: Not reported Latitude: 43.02984 -83.07063 Longitude:

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 48314 Owner Zip: Owner Contact: Not reported 2488803434 Owner Phone: Contact: Manhal Botrus Contact Phone: (248) 880-3434 Date of Collection: 03/16/2015 Accuracy: 100 NAD83 Horizontal Datum: Accuracy Value Unit: **FEET**

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Direction Distance

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

IMLAY QUICKMART INC (Continued)

U000258055

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Lansing District Office District:

Tank ID: 3 Capacity: 12000

Removed from Ground Tank Status:

Substance: Gasoline 05/01/1966 Install Date: 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 -83.07063 Longitude:

IMLAY QUICKMART INC Name: Address: 546 N CEDAR ST City, State, Zip: IMLAY CITY 48444-1166

Facility Type: **ACTIVE** Facility ID: 00010667

ALARIS GROUP LLC Owner Name: 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 100 Accuracy: Horizontal Datum: NAD83 Accuracy Value Unit: **FEET**

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

GPS Code Meas. Standard Positioning Service SA Off Method of Collection:

District: Lansing District Office

Tank ID: 2 12000 Capacity:

Removed from Ground Tank Status:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

IMLAY QUICKMART INC (Continued)

U000258055

EDR ID Number

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 Not reported Owner Contact: Owner Phone: 2488803434 Contact: Manhal Botrus (248) 880-3434 Contact Phone: 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:

Capacity: 12000

Tank Status: Removed from Ground

Substance: Gasoline 05/01/1966 Install Date: 07/23/2001 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Not reported Pipe Release Detection: 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 ld: MI0000565374 WMD ld: 391230

Site Specific Name: E-Z QUICK MART INC

Mailing Address: PO BOX 413
Mailing City/State/Zip: 48444
Mailing County: LAPEER

Direction Distance

Elevation Site Database(s) EPA ID Number

L52 EZ QUICK MART INC #1 AUL S109846080
NNE 546 NORTH CEDAR N/A

1/4-1/2 IMLAY CITY, MI 48444

0.432 mi.

2283 ft. Site 3 of 3 in cluster L

 Relative:
 AUL:

 Higher
 Name:
 EZ QUICK MART INC #1

 Actual:
 Address:
 546 NORTH CEDAR

 813 ft.
 City,State,Zip:
 IMLAY CITY, MI 48444

Status: Recorded
Site Name: Not reported
Property: EZ Quick Mart Inc #1

Land Use Restriction Type:

Program Type:

Part 213

Program Support Assigned User:

Program Support Assigned Date:

Program Support Assigned Date:

Legal Description Of Property:

Based On The Deq Ref #:

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: 2.87449999999998

Mapped Polygons Area In Square Miles:

Date Data Entry Started:

Date Data Entry Finished:

Individual Or Staff Assoc With The Mapping:

0.0044

09/26/2011

09/26/2011

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 li Land Use Restriction: 0 Commercial lii 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: 0 **Groundwater Consumption Restrictions: 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

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

53 430 EAST CAPAC ROAD INVENTORY S112241410
North 430 EAST CAPAC ROAD BEA N/A

1/4-1/2 0.456 mi. 2409 ft.

Relative: INVENTORY:

IMLAY CITY, MI 48444

 Higher
 Name:
 430 EAST CAPAC ROAD

 Actual:
 Address:
 430 EAST CAPAC ROAD

 823 ft.
 City,State,Zip:
 IMLAY CITY, MI 48444

Township: Not reported District: Lansing

Data Source: Risks Not Determined

Lust Name: Not reported

Regulatory Program: 201 .

Release Status: Not reported Project Manager: Peabody, Emily

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:

BEA Number:

District:

Date Received:

Not reported

1763

Lansing

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 Not reported Submittal Type: Submittal Number: Not reported Approval Status: Not reported Workflow Status: Not reported Date Submitted: Not reported Not reported Date Completed: Not reported Township: Work Unit: Not reported Comments: Not reported Not reported Organization: Contact: Not reported Not reported Contact Type: Organization Street Address: Not reported Organization City: Not reported

Organization City:

Organization State:

Organization State:

Organization Zip Code:

Organization County:

Ontact Street Address:

Ontact City:

Ontact Zip Code:

Ontact Zip Code:

Ontact Street Address:

Not reported

Ontact City:

Not reported

Ontact State:

Not reported

EDR ID Number

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

54 SOUTH CEDAR STEEL LUST 1000691447 SSE 599 S CEDAR ST UST MID985642172

1/4-1/2 IMLAY CITY, MI 48444 RCRA NonGen / NLR

0.462 mi.
2440 ft.

Relative:

WDS

WDS

Higher
Actual: LUST:

821 ft. Name: SOUTH CEDAR STEEL WORKS

Address: 599 S CEDAR ST City,State,Zip: IMLAY CITY, MI 48444

Facility ID: 37934 Not reported Source: Jenkins, Herb Owner Name: 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
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

Direction Distance

Elevation Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Owner State: MI
Owner Zip: 48444-1208
Owner Contact: Not reported

Owner Contact: Not reported Owner Phone: 8107246768 Contact: Not reported Not reported Contact Phone: Date of Collection: Not reported Accuracy: Not reported Horizontal Datum: Not reported Accuracy Value Unit: Not reported Source: Not reported Not reported Point Line Area: Desc Category: Not reported Method of Collection: Not reported District: Not reported NRT2 Tank ID: 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 Not reported Pipe Release Detection: 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

48444-1208 Owner Zip: Owner Contact: Not reported 8107246768 Owner Phone: Contact: Not reported Contact Phone: Not reported Date of Collection: Not reported Accuracy: Not reported Horizontal Datum: Not reported Not reported Accuracy Value Unit: Source: Not reported Point Line Area: Not reported Not reported Desc Category: Method of Collection: Not reported District: Not reported Tank ID: NRT1 Capacity: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Tank Status: Removed from Ground

Other(UNK) Substance: Install Date: Not reported Remove Date: 09/22/1997 Tank Number: Not reported Tank Details Compartments: Not reported Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Not reported Tank Construction: Not reported Impressed Device: 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 48444-1208 Owner Zip: 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 09/18/1997 Remove Date: Not reported Tank Number: Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Not reported Tank Construction: Impressed Device: Not reported 43.01745 Latitude: Longitude: -83.07183

Name: SOUTH CEDAR STEEL WORKS

Address: 599 S CEDAR ST

Direction Distance

Elevation Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

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

1

District: Lansing District Office

Tank ID:

Capacity: Not reported

Tank Status: Removed from Ground Substance: Other(HYDRAULIC/OIL)

Install Date: Not reported 09/18/1997 Remove Date: Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.01745 Latitude: -83.07183 Longitude:

RCRA Listings:

Date Form Received by Agency: 20011231

Handler Name: South Cedar Steel Handler Address: 599 S CEDAR ST IMLAY CITY, MI 48444 Handler City, State, Zip: EPA ID: MID985642172 Contact Name: DAVID DOTSON 599 S CEDAR ST Contact Address: Contact City, State, Zip: IMLAY CITY, MI 48444 Contact Telephone: 313-724-8927

Contact Fax:

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

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

SOUTH CEDAR STEEL (Continued)

Active Site State-Reg Handler:

1000691447

Active Site Indicator:

State District Owner:

State District:

Not reported

Not reported

Not reported

Not reported

Not reported

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: Nο **Underground Injection Control:** No Off-Site Waste Receipt: No Universal Waste Indicator: No Universal Waste Destination Facility: No Federal Universal Waste: No

Federal Facility Indicator:

Hazardous Secondary Material Indicator:

Sub-Part K Indicator:

2018 GPRA Permit Baseline:

Not on the Baseline

Not on the Baseline

202 GPRA Corrective Action Baseline:

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:
Handler Date of Last Change:
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:

Direction Distance

Elevation Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

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 Not reported Owner/Operator Address: Not reported Owner/Operator City, State, Zip: 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 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 Not reported Owner/Operator Fax: 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 Not reported Owner/Operator Telephone: 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

MAP FINDINGS Map ID Direction

Distance

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

SOUTH CEDAR STEEL (Continued)

1000691447

Spent Lead Acid Battery Exporter: No Current Record: Yes

Non Storage Recycler Activity: Not reported Electronic Manifest Broker: Not reported

Receive Date: 19920512

SOUTH CEDAR STEEL Handler Name:

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

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 - Manifest

Date Violation was Determined: 19960222 19970324 Actual Return to Compliance Date: 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

Not reported Appeal Initiated Date: 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

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

19960222

SOUTH CEDAR STEEL (Continued)

Date Violation was Determined:

1000691447

Final Monetary Amount:

Paid Amount:

Not reported

Not reported

Final Count:

Not reported

Not reported

Not reported

Not reported

Found Violation: Yes
Agency Which Determined Violation: State

Violation Short Description: Generators - General

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 19960506 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation Site

Site Database(s) EPA ID Number

LDR - General

SOUTH CEDAR STEEL (Continued)

Violation Short Description:

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

Enforcement Responsible Sub-Organization:

Not reported

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 Not reported Paid Amount: Final Count: Not reported Not reported Final Amount:

Found Violation: Yes
Agency Which Determined Violation: State

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:
Appeal Resolution Date:
Disposition Status Date:
Disposition Status:
Not reported
Not reported
Not reported
Disposition Status:
Not reported
Not reported
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:

SEP Scheduled Completion Date:

Not reported
SEP Actual Date:

Not reported
SEP Defaulted Date:

Not reported
SEP Type:

Not reported
SEP Type Description:

Proposed Amount:

Not reported
Not reported
Not reported

Distance
Elevation Site Database(s)

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

EPA ID Number

Final Monetary Amount:

Paid Amount:

Not reported

Not reported

Not reported

Final Count:

Not reported

Not reported

Not reported

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Not reported SEP Actual Date: 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 19960506 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation Site

Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

Enforcement Responsible Sub-Organization:

Not reported

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 Not reported Paid Amount: Final Count: Not reported Not reported Final Amount:

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

SEP Scheduled Completion Date:

Not reported
SEP Actual Date:

Not reported
SEP Defaulted Date:

Not reported
SEP Type:

Not reported
SEP Type Description:

Proposed Amount:

Not reported
Not reported
Not reported

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

Final Monetary Amount:
Paid Amount:
Not reported
Pinal Count:
Not reported
Not reported
Not reported
Not reported
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

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 19960506 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation

Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Not reported Paid Amount: 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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:
SEP Scheduled Completion Date:
Not reported
SEP Actual Date:
Not reported
SEP Defaulted Date:
SEP Type:
Not reported
SEP Type Description:
Not reported

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

Final Monetary Amount:
Paid Amount:
Not reported
Pinal Count:
Not reported
Not reported
Not reported
Not reported
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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Not reported SEP Actual Date: 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 19960506 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation Sit

Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

Enforcement Responsible Sub-Organization:

Not reported

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 Not reported Paid Amount: Final Count: Not reported Final Amount: Not reported

Found Violation:

Agency Which Determined Violation:

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:
SEP Scheduled Completion Date:
SEP Actual Date:
SEP Defaulted Date:
SEP Type:
SEP Type Description:
Proposed Amount:
Not reported

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

Final Monetary Amount:
Paid Amount:
Not reported
Pinal Count:
Not reported
Not reported
Not reported
Not reported
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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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: 19960222 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance

Elevation Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Not reported Paid Amount: Final Count: Not reported Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

Date Violation was Determined:

Violation Short Description: Generators - Records/Reporting

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Person:

Not reported Not reported Not reported Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount:

SEP Scheduled Completion Date:

SEP Actual Date:

SEP Actual Date:

SEP Defaulted Date:

SEP Type:

SEP Type Description:

Proposed Amount:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

19960222

Not reported

SOUTH CEDAR STEEL (Continued)

Date Violation was Determined:

Enforcement Attorney:

1000691447

Final Monetary Amount:

Paid Amount:

Not reported

Not reported

Not reported

Not reported

Final Count:

Not reported

Not reported

Not reported

Found Violation: Yes
Agency Which Determined Violation: State

Violation Short Description: Generators - Manifest

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

Corrective Action Component: No

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 19960506 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation Site

te Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

Enforcement Responsible Sub-Organization:

Not reported

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 Not reported Paid Amount: 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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

Enforcement Responsible Sub-Organization:

Not reported

Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount:

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
Not reported

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

19960222

SOUTH CEDAR STEEL (Continued)

Date Violation was Determined:

1000691447

Final Monetary Amount:

Paid Amount:

Not reported

Not reported

Not reported

Final Count:

Not reported

Not reported

Not reported

Not reported

Found Violation: Yes
Agency Which Determined Violation: State

Violation Short Description: Generators - Manifest

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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

LDR - General Violation Short Description: 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 19960506 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation

Site Database(s) EPA ID Number

19960222

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

Enforcement Responsible Sub-Organization:

Not reported

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 Not reported Paid Amount: Final Count: Not reported Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

Date Violation was Determined:

Violation Short Description: Generators - General

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Person:

Not reported Not reported Not reported Not reported

SEP Sequence Number: Not reported

SEP Expenditure Amount:

SEP Scheduled Completion Date:

Not reported
SEP Actual Date:

Not reported
SEP Defaulted Date:

Not reported
SEP Type:

Not reported
SEP Type Description:

Proposed Amount:

Not reported
Not reported
Not reported

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

SOUTH CEDAR STEEL (Continued)

1000691447

Final Monetary Amount:

Paid Amount:

Not reported

Not reported

Not reported

Not reported

Final Count:

Not reported

Not reported

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Not reported SEP Actual Date: 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

LDR - General Violation Short Description: 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: 19960222 Date of Enforcement Action: Enforcement Responsible Agency: State **Enforcement Docket Number:** Not reported Not reported Enforcement Attornev:

Distance Elevation

Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

Appeal Initiated Date:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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 Not reported Paid Amount: Final Count: Not reported Not reported Final Amount:

Found Violation: Yes
Agency Which Determined Violation: State

Date Violation was Determined:

Violation Short Description: Generators - Records/Reporting

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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:

SEP Scheduled Completion Date:

SEP Actual Date:

SEP Defaulted Date:

SEP Type:

SEP Type Description:

Proposed Amount:

Not reported

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

SOUTH CEDAR STEEL (Continued)

1000691447

Final Monetary Amount:

Paid Amount:

Not reported

Not reported

Not reported

Final Count:

Not reported

Not reported

Not reported

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:

Appeal Resolution Date:

Disposition Status Date:

Disposition Status:

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: Not reported Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported

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

SOUTH CEDAR STEEL (Continued)

1000691447

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: 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: 19960430
Evaluation Responsible Agency: State
Found Violation: Yes

Evaluation Type Description: FOLLOW-UP INSPECTION

Evaluation Responsible Person Identifier: Not reported

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

SOUTH CEDAR STEEL (Continued)

1000691447

Evaluation Responsible Sub-Organization:

Actual Return to Compliance Date:

Scheduled Compliance Date:

Date of Request:

Date Response Received:

Request Agency:

Former Citation:

Not reported

Not reported

Not reported

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 19960506 Scheduled Compliance Date: Date of Request: Not reported Not reported Date Response Received: 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: 19960208
Evaluation Responsible Agency: State
Found Violation: Yes

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier:

Evaluation Responsible Sub-Organization:

Actual Return to Compliance Date:

Scheduled Compliance Date:

Date of Request:

Not reported

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

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 19960531 Scheduled Compliance Date: 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: 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 Not reported Request Agency: Former Citation: Not reported

Evaluation Date: 19960208
Evaluation Responsible Agency: State

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

SOUTH CEDAR STEEL (Continued)

1000691447

Found Violation: Yes

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Responsible Person Identifier: Not reported Evaluation Responsible Sub-Organization: Not reported 19970324 Actual Return to Compliance Date: Scheduled Compliance Date: Not reported Not reported Date of Request: 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 Not reported Date of Request: 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: 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 19970324 Actual Return to Compliance Date: 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:

Evaluation Responsible Sub-Organization:

Not reported
Not reported
Not reported
19970324

Distance EDR ID Number
Elevation Site EPA ID Number

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: 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 19970324 Actual Return to Compliance Date: 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: 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 19970324 Actual Return to Compliance Date: 19960506 Scheduled Compliance Date: Date of Request: Not reported Date Response Received: Not reported Request Agency: Not reported Former Citation: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

SOUTH CEDAR STEEL (Continued)

1000691447

EDR ID Number

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 19970324 Actual Return to Compliance Date: 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:

Actual Return to Compliance Date:

Scheduled Compliance Date:

Date of Request:

Date Response Received:

Request Agency:

Former Citation:

Not reported

FINDS:

Registry ID: 110001845200

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000691447

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

SOUTH CEDAR STEEL (Continued)

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

Application Reason: PAINT BOOTH-CEDAR ST

Not reported Record Type: 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 El Contact Area Code: Not reported El Contact Phone Number: Not reported Not reported Permit Contact Person: 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:

MAP FINDINGS Map ID

Direction Distance

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

SOUTH CEDAR STEEL (Continued)

1000691447

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 599 S CEDAR ST Mailing Address:

Mailing City/State/Zip: 48444 Mailing County: LAPEER

PARSCH AUTOMOTIVE LUST U002301907 55

NNW 314 CAPAC RD UST N/A 1/4-1/2 IMLAY CITY, MI 48444 **INVENTORY** 0.464 mi. **Financial Assurance**

PARSCH AUTOMOTIVE

2448 ft.

Relative: LUST: Higher Name:

Actual: Address: 314 CAPAC RD 822 ft.

City,State,Zip: IMLAY CITY, MI 48444 Facility ID: 18276

Source: Not reported Owner Name: Charbonneau, Mike Not reported Owner Address: Owner City, St, Zip: Not reported Owner Contact: Not reported Owner Phone: 989-385-1162 Country: Not reported District: Lansing A.j.I. Partners Site Name: 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:

Accuracy Value Unit: Not reported

North American Datum of 1983 Horizontal Data:

Point Line Area: Not reported Desc Category: Not reported Regulatory Program: Not reported Risk Condition: Not reported Project Manager: Not reported Not reported Senate District: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

PARSCH AUTOMOTIVE (Continued)

U002301907

EDR ID Number

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

Source: STATE OF MICHIGAN

Point Line Area: POINT

Accuracy Value Unit:

Impressed Device:

Latitude: Longitude:

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

FEET

Not reported 43.03013

-83.06917

District: Lansing District Office

 Tank ID:
 7

 Capacity:
 15000

Tank Status: Currently In Use Substance: Gasoline Install Date: 11/01/1993 Not reported Remove Date: Tank Number: Not reported Not reported Tank Details Compartments: Tank Release Detection: Not reported Pipe Release Detection: Not reported Not reported Piping Material: Piping Type: Not reported Tank Construction: Not reported

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 (810) 724-6630 Contact Phone: Date of Collection: 01/11/2001 Accuracy: 100

Direction Distance

Elevation Site Database(s) EPA ID Number

PARSCH AUTOMOTIVE (Continued)

U002301907

EDR ID Number

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 Used Oil Substance: 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 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 Not reported Owner Contact: 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: 4

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 Not reported Tank Release Detection: Pipe Release Detection: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

PARSCH AUTOMOTIVE (Continued)

U002301907

EDR ID Number

Piping Material:

Piping Type:

Tank Construction:

Impressed Device:

Latitude:

Latitude:

Not reported

Not reported

Not reported

43.03013

Longitude:

-83.06917

Name:PARSCH AUTOMOTIVEAddress:314 CAPAC RDCity,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

48444 Owner Zip: Owner Contact: Not reported Owner Phone: 8107246630 Contact: Louis Parsch Contact Phone: (810) 724-6630 Date of Collection: 01/11/2001 100 Accuracy: 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 Not reported Remove Date: Not reported Tank Number: Tank Details Compartments: Not reported Not reported Tank Release Detection: Pipe Release Detection: Not reported Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.03013 Latitude: -83.06917 Longitude:

Name:PARSCH AUTOMOTIVEAddress:314 CAPAC RDCity,State,Zip:IMLAY CITY 48444

Facility Type: ACTIVE Facility ID: ACTIVE 00018276

Owner Name: AJ & L PARTNERS
Owner Address: 314 CAPAC RD
Owner City: IMLAY CITY

Owner State: MI
Owner Zip: 48444

Direction Distance

Elevation Site Database(s) EPA ID Number

PARSCH AUTOMOTIVE (Continued)

U002301907

EDR ID Number

Owner Contact: Not reported 8107246630 Owner Phone: Louis Parsch Contact: 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

Gasoline Substance: 05/03/1974 Install Date: Remove Date: 11/01/1993 Tank Number: Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Not reported Piping Material: Not reported Not reported Piping Type: Tank Construction: Not reported Impressed Device: Not reported Latitude: 43.03013 Longitude: -83.06917

Name: PARSCH AUTOMOTIVE Address: 314 CAPAC RD City, State, Zip: IMLAY CITY 48444

Facility Type: ACTIVE Facility ID: 00018276

Owner Name:
Owner Address:
Owner Address:
Owner City:

AJ & L PARTNERS
314 CAPAC RD
IMLAY CITY

Owner State: MI 48444 Owner Zip: 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

Direction Distance Elevation

vation Site Database(s) EPA ID Number

PARSCH AUTOMOTIVE (Continued)

U002301907

EDR ID Number

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 314 CAPAC RD Owner Address: Owner City: **IMLAY CITY** Owner State: MI Owner Zip: 48444 Owner Contact: Not reported 8107246630 Owner Phone: 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

Currently In Use

District: Lansing District Office

 Tank ID:
 1

 Capacity:
 10000

Gasoline Substance: 05/03/1982 Install Date: Remove Date: Not reported Tank Number: Not reported Not reported Tank Details Compartments: Not reported Tank Release Detection: Not reported Pipe Release Detection: Piping Material: Not reported Piping Type: Not reported Tank Construction: Not reported Impressed Device: Not reported 43.03013 Latitude: Longitude: -83.06917

INVENTORY:

Tank Status:

Name: PARSCH AUTOMOTIVE

Address: 314 CAPAC RD
City,State,Zip: IMLAY CITY, MI 48444

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

PARSCH AUTOMOTIVE (Continued)

U002301907

Township: Imlay City
District: Lansing
Data Source: Risk Controlled
Lust Name: A.j.I. 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 Commerical Insurance: Not reported Guarantee: Not reported Not reported Letter of Credit: Not reported Risk Retention Group: Self Insurance: Not reported CHECKED State Funds: Surety Bond: Not reported Trust Funds: Not reported 2022 Year:

OMNI INTERNATIONAL

56 611 INDUSTRIAL PARKWAY SE 611 INDUSTRIAL PARKWAY 1/2-1 IMLAY CITY, MI 48444

INVENTORY:

Relative: INVENTORY: Lower Name: Actual: Address:

0.551 mi.

2911 ft.

800 ft.

Address: 611 INDUSTRIAL PARKWAY
City, State, Zip: IMLAY CITY, MI 48444
Township: Not reported
District: Lansing

Data Source: Risks Not Determined

Lust Name: Not reported

Regulatory Program: 201

Release Status: Not reported
Project Manager: Peabody, Emily
Latitude: 43.019046
Longitude: -83.070195

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

INVENTORY

PART 201

BEA

WDS

NPDES

S104910932

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

Quarter: NE

Quarter/Quarter: Not reported Pollutants: Acetone; Cd; Pb

BEA:

Contact City:

Contact State:

Contact Zip Code:

Name: 611 INDUSTRIAL PARKWAY
Address: 611 INDUSTRIAL PARKWAY
City,State,Zip: IMLAY CITY, MI 48444

Secondary Address:

BEA Number:

District:

Date Received:

Not reported
1700

Lansing

02/23/2012

Submitter Name: M & S Extrusions, Inc.

Petition Determination: No Request

Petition Disclosure:

Not reported Category: 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 Not reported Date Submitted: Date Completed: Not reported Not reported Township: Work Unit: Not reported Comments: Not reported Not reported Organization: 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

Name: OMNI INTERNATIONAL
Address: 611 INDUSTRIAL PARKWAY
City, State, Zip: IMLAY CITY, MI 48444

Not reported

Not reported

Not reported

Secondary Address: Not reported BEA Number: Not reported Not reported District: Date Received: 12/10/1998 Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Not reported Category: Determination 20107A: Not reported Not reported Reviewer: Division Assigned: Not reported 44000087 Location ID:

Direction Distance

Elevation Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

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 **Submitter Contact** Contact Type: 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 08/12/2010 Date Received: Not reported Submitter Name: Not reported Petition Determination: Petition Disclosure: Not reported Category: Not reported Determination 20107A: Not reported Not reported Reviewer: Not reported Division Assigned: 44000087 Location ID:

Submittal Type: Baseline Environmental Assessment

Not reported

Submittal Number:B201001526LAApproval Status:RRD ReceivedWorkflow Status:Submitted

Date Completed:

Date Submitted: 2010-08-13 13:09:36

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

Direction Distance

Elevation Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

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 Not reported District: 02/23/2012 Date Received: Submitter Name: Not reported Petition Determination: Not reported Not reported Petition Disclosure: Category: Not reported Determination 20107A: Not reported Reviewer: Not reported Not reported Division Assigned: 44000087 Location ID:

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

Vince McNish Contact: 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 02/23/2012 Date Received: Submitter Name: Not reported Petition Determination: Not reported Petition Disclosure: Not reported Category: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

Determination 20107A:

Reviewer:

Division Assigned:

Location ID:

Not reported

Not reported

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

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:

BEA Number:

District:

Date Received:

Not reported
1699

Lansing
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 Not reported Date Submitted: Date Completed: Not reported Township: Not reported Work Unit: Not reported Comments: Not reported

Distance Elevation

Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

Organization: Not reported Not reported Contact: 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:

BEA Number:

District:

Date Received:

Submitter Name:

Petition Determination:

Petition Disclosure:

Not reported

1526

Lansing

08/12/2010

Comerica Bank

No Request

0

Category: N

Determination 20107A:

Reviewer:

Division Assigned:

RRD

Not reported

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 Not reported Township: 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 Not reported Organization Zip Code: Organization County: Not reported Contact Street Address: Not reported Contact City: Not reported

Name: 611 INDUSTRIAL PARKWAY Address: 611 INDUSTRIAL PARKWAY

Not reported

Not reported

City,State,Zip: IMLAY CITY, MI
Secondary Address: Not reported
BEA Number: 314
District: Lansing
Date Received: 12/10/1998

Contact Zip Code:

Contact State:

Distance

Elevation Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

Submitter Name: Windcrest Properties, LLC

Petition Determination: No Request

Petition Disclosure: 0 Category: N

Determination 20107A: No Request Reviewer: temppm ERD Division Assigned: 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 Not reported Work Unit: 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 Not reported Organization County: Contact Street Address: Not reported

MI NPDES:

Contact City:

Contact State:

Contact Zip Code:

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)

Not reported

Not reported

Not reported

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 83.0678 Longitude: Lon Direction: Not reported Not reported Lon Type Code: Hydrologic Unit Code: Not reported Permit Status: In Effect

Direction Distance

Elevation Site Database(s) EPA ID Number

611 INDUSTRIAL PARKWAY (Continued)

S104910932

EDR ID Number

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 ld: 444183

Site Specific Name: VINTECH INDUSTRIES INC Mailing Address: 611 INDUSTRIAL PARK DR

Mailing City/State/Zip: 48444
Mailing County: LAPEER

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

Count: 0 records. ORPHAN SUMMARY

City EDR ID Site Name Site Address Zip Database(s)

NO SITES FOUND

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: 01/25/2023 Source: EPA
Date Data Arrived at EDR: 02/03/2023 Telephone: N/A

Number of Days to Update: 25 Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 01/25/2023 Source: EPA
Date Data Arrived at EDR: 02/02/2023 Telephone: N/A

Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Source: EPA

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 26

Telephone: N/A Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022 Date Data Arrived at EDR: 12/21/2022 Date Made Active in Reports: 03/10/2023

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 03/28/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 26

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 07/24/2023 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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 26

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 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: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/08/2023 Date Data Arrived at EDR: 02/09/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 82

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/03/2023

Next Scheduled EDR Contact: 08/21/2023 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/20/2023 Date Data Arrived at EDR: 02/21/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 70

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/21/2023

Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 02/20/2023 Date Data Arrived at EDR: 02/21/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 70

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/21/2023

Next Scheduled EDR Contact: 06/05/2023

Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

substances.

Date of Government Version: 12/12/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 12/19/2022

Number of Days to Update: 5

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/21/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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

Date of Government Version: N/A
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: 04/13/2023

Next Scheduled EDR Contact: 07/31/2023 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: 12/15/2022 Date Data Arrived at EDR: 12/15/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-335-4035 Last EDR Contact: 03/21/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 02/13/2023 Date Data Arrived at EDR: 02/14/2023 Date Made Active in Reports: 05/09/2023

Number of Days to Update: 84

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-9837 Last EDR Contact: 05/03/2023

Next Scheduled EDR Contact: 08/21/2023 Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

 $\ensuremath{\mathsf{LUSTs}}$ on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023

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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/08/2023

Next Scheduled EDR Contact: 07/31/2023 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: 10/14/2022
Date Data Arrived at EDR: 12/06/2022

Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 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: 11/26/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 04/19/2023

Number of Days to Update: 134

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

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

Date of Government Version: 10/19/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021 Date Data Arrived at EDR: 11/05/2021 Date Made Active in Reports: 02/01/2022

Number of Days to Update: 88

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 03/29/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

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

Date of Government Version: 11/30/2022 Date Data Arrived at EDR: 02/08/2023 Date Made Active in Reports: 04/27/2023

Number of Days to Update: 78

Source: Department of Licensing & Regulatory Affairs

Telephone: 517-373-1820 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 08/21/2023 Data Release Frequency: Annually

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: 04/12/2023

Next Scheduled EDR Contact: 07/24/2023

Data Release Frequency: Varies

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 02/02/2023 Date Data Arrived at EDR: 02/09/2023 Date Made Active in Reports: 04/27/2023

Number of Days to Update: 77

Source: Department of Licensing & Regulatory Affairs

Telephone: 517-373-1820 Last EDR Contact: 05/03/2023

Next Scheduled EDR Contact: 08/21/2023 Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 04/19/2023

Number of Days to Update: 134

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

TC7339396.2s Page GR-7

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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 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: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023

Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023

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: 10/14/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023

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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 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: 11/23/2022 Date Data Arrived at EDR: 12/06/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 87

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

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

Date of Government Version: 02/22/2023 Date Data Arrived at EDR: 02/23/2023 Date Made Active in Reports: 05/11/2023

Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-4828 Last EDR Contact: 02/15/2023

Next Scheduled EDR Contact: 06/05/2023 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: 03/17/2023

Next Scheduled EDR Contact: 07/03/2023

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

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: 08/25/2022 Date Data Arrived at EDR: 10/18/2022 Date Made Active in Reports: 01/04/2023

Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-4805 Last EDR Contact: 04/17/2023

Next Scheduled EDR Contact: 07/31/2023

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: 01/17/2023 Date Data Arrived at EDR: 01/26/2023 Date Made Active in Reports: 04/12/2023

Number of Days to Update: 76

Source: Economic Development Corporation

Telephone: 888-522-0103 Last EDR Contact: 04/17/2023

Next Scheduled EDR Contact: 07/31/2023

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023 Date Data Arrived at EDR: 04/13/2023 Date Made Active in Reports: 04/19/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 04/06/2023

Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 03/18/2022 Date Data Arrived at EDR: 03/21/2022 Date Made Active in Reports: 06/16/2022

Number of Days to Update: 87

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-241-5719 Last EDR Contact: 03/17/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

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

Number of Days to Update: 6

Source: Department of 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

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/19/2023

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Subtitle D Criteria.

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

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/12/2023

Next Scheduled EDR Contact: 07/31/2023 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: 04/27/2023

Next Scheduled EDR Contact: 08/07/2023 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: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023

Number of Days to Update: 8

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/02/2023

Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: No Update Planned

PART 201: Part 201 Site List

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

Date of Government Version: 10/01/2013 Date Data Arrived at EDR: 10/03/2014 Date Made Active in Reports: 10/03/2014

Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-284-5103 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

INVENTORY: Inventory of Facilities

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

Date of Government Version: 01/17/2023 Date Data Arrived at EDR: 01/18/2023 Date Made Active in Reports: 04/06/2023

Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-284-5136 Last EDR Contact: 04/18/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations.

Date of Government Version: 04/28/2023 Date Data Arrived at EDR: 05/03/2023 Date Made Active in Reports: 05/10/2023

Number of Days to Update: 7

Source: Department of Community Health Telephone: 517-373-3740

Last EDR Contact: 04/13/2023 Next Scheduled EDR Contact: 07/31/2023

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: 01/06/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/10/2023

Number of Days to Update: 8

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/02/2023

Next Scheduled EDR Contact: 06/05/2023 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: 01/09/2023 Date Data Arrived at EDR: 01/10/2023 Date Made Active in Reports: 03/27/2023

Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-241-7603 Last EDR Contact: 04/12/2023

Next Scheduled EDR Contact: 07/24/2023 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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/13/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/10/2023

Number of Days to Update: 86

Source: U.S. Department of Transportation Telephone: 202-366-4555

Last EDR Contact: 03/21/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

PEAS: Pollution Emergency Alerting System

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

Date of Government Version: 12/14/2022 Date Data Arrived at EDR: 01/18/2023 Date Made Active in Reports: 04/10/2023

Number of Days to Update: 82

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-8427 Last EDR Contact: 04/20/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/06/2023 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 02/01/2023 Date Data Arrived at EDR: 02/14/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 77

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/16/2023

Next Scheduled EDR Contact: 08/28/2023 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: 04/11/2023

Next Scheduled EDR Contact: 07/24/2023 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: 04/03/2023

Next Scheduled EDR Contact: 07/17/2023

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 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: 05/11/2023

Next Scheduled EDR Contact: 08/21/2023 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: 12/13/2022 Date Data Arrived at EDR: 12/14/2022 Date Made Active in Reports: 03/10/2023

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/21/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/01/2023

Next Scheduled EDR Contact: 08/14/2023 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/04/2023

Next Scheduled EDR Contact: 08/14/2023 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: 03/13/2023

Next Scheduled EDR Contact: 06/26/2023 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: 02/16/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 75

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/16/2023

Next Scheduled EDR Contact: 05/29/2023 Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/17/2023 Date Data Arrived at EDR: 01/18/2023 Date Made Active in Reports: 04/19/2023

Number of Days to Update: 91

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/18/2023

Next Scheduled EDR Contact: 07/31/2023 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: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 26

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022 Date Data Arrived at EDR: 05/04/2022 Date Made Active in Reports: 05/10/2022

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/13/2023

Next Scheduled EDR Contact: 07/31/2023 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: 10/27/2022 Date Data Arrived at EDR: 11/01/2022 Date Made Active in Reports: 11/15/2022

Number of Days to Update: 14

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 08/14/2023 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/03/2022 Date Data Arrived at EDR: 01/04/2023 Date Made Active in Reports: 04/03/2023

Number of Days to Update: 89

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/04/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/29/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009

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: 10/26/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 12/05/2022

Number of Days to Update: 13

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 04/13/2023

Next Scheduled EDR Contact: 07/31/2023 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 11/30/2021 Date Made Active in Reports: 02/22/2022

Number of Days to Update: 84

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 03/03/2023

Next Scheduled EDR Contact: 06/12/2023 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: 02/27/2023

Next Scheduled EDR Contact: 06/12/2023 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: 05/04/2023

Next Scheduled EDR Contact: 08/14/2023

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: 03/23/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020 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: 04/25/2023

Next Scheduled EDR Contact: 08/07/2023 Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2022 Date Data Arrived at EDR: 01/12/2023 Date Made Active in Reports: 04/07/2023

Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/03/2023

Next Scheduled EDR Contact: 07/17/2023

Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021 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: 03/09/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014 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: 04/06/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021 Date Data Arrived at EDR: 07/27/2021 Date Made Active in Reports: 10/22/2021

Number of Days to Update: 87

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 04/26/2023

Next Scheduled EDR Contact: 08/14/2023

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: 05/10/2023

Next Scheduled EDR Contact: 08/28/2023 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023 Date Data Arrived at EDR: 02/02/2023 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 05/02/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites

may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023 Date Data Arrived at EDR: 03/01/2023 Date Made Active in Reports: 03/24/2023

Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 04/04/2023

Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 11/07/2022 Date Data Arrived at EDR: 11/17/2022 Date Made Active in Reports: 02/10/2023

Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/22/2023

Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Source: USGS

Date of Government Version: 05/06/2020 Date Data Arrived at EDR: 05/27/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 78

Telephone: 703-648-7709 Last EDR Contact: 02/24/2023

Next Scheduled EDR Contact: 06/05/2023 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: 02/24/2023

Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2022 Date Data Arrived at EDR: 12/20/2022 Date Made Active in Reports: 03/10/2023

Number of Days to Update: 80

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/16/2023

Next Scheduled EDR Contact: 06/19/2023 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/02/2023 Date Data Arrived at EDR: 02/28/2023 Date Made Active in Reports: 03/24/2023

Number of Days to Update: 24

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 02/28/2023

Next Scheduled EDR Contact: 06/12/2023 Data Release Frequency: Quarterly

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: 04/27/2023

Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Varies

TC7339396.2s Page GR-20

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: 02/24/2023

Next Scheduled EDR Contact: 06/05/2023 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2023 Date Data Arrived at EDR: 01/04/2023 Date Made Active in Reports: 04/03/2023

Number of Days to Update: 89

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 03/31/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023 Date Data Arrived at EDR: 02/14/2023 Date Made Active in Reports: 04/19/2023

Number of Days to Update: 64

Source: EPA Telephone: 800-385-6164

Last EDR Contact: 02/14/2023

Next Scheduled EDR Contact: 05/29/2023 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: 02/23/2022 Date Data Arrived at EDR: 07/08/2022 Date Made Active in Reports: 11/08/2022

Number of Days to Update: 123

Source: Environmental Protection Agency

Telephone: 703-603-8895 Last EDR Contact: 04/04/2023

Next Scheduled EDR Contact: 07/17/2023 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: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/07/2023

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 01/03/2022 Date Data Arrived at EDR: 03/31/2022 Date Made Active in Reports: 11/08/2022

Number of Days to Update: 222

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023

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: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 04/20/2023

Next Scheduled EDR Contact: 08/07/2023 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: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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.

Date of Government Version: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/07/2023

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/03/2023

Number of Days to Update: 4

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/03/2023

Number of Days to Update: 4

Source: Environmental Protection Agency Telephone: 202-272-0167

Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 03/30/2023 Date Data Arrived at EDR: 03/30/2023 Date Made Active in Reports: 04/03/2023

Number of Days to Update: 4

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 04/27/2023 Date Data Arrived at EDR: 04/27/2023 Date Made Active in Reports: 05/02/2023

Number of Days to Update: 5

Source: Environmental Protection Agency Telephone: 202-272-0167

Last EDR Contact: 04/27/2023

Next Scheduled EDR Contact: 07/17/2023 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: 03/28/2023 Date Data Arrived at EDR: 04/12/2023 Date Made Active in Reports: 04/27/2023

Number of Days to Update: 15

Source: Department of Environment, Great Lakes & Energy

Telephone: 517-284-9278 Last EDR Contact: 05/09/2023

Next Scheduled EDR Contact: 08/21/2023

Data Release Frequency: Varies

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

Date of Government Version: 12/07/2022 Date Data Arrived at EDR: 12/12/2022 Date Made Active in Reports: 03/03/2023

Number of Days to Update: 81

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-7074 Last EDR Contact: 03/09/2023

Next Scheduled EDR Contact: 06/26/2023 Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos

Date of Government Version: 01/31/2023 Date Data Arrived at EDR: 02/09/2023 Date Made Active in Reports: 03/02/2023

Number of Days to Update: 21

Source: Department of Licensing & Regulatory Affairs

Telephone: 517-284-7699 Last EDR Contact: 04/03/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Quarterly

BEA: Baseline Environmental Assessment Database

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

Date of Government Version: 04/13/2023 Date Data Arrived at EDR: 04/13/2023 Date Made Active in Reports: 04/26/2023

Number of Days to Update: 13

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-9541 Last EDR Contact: 05/03/2023

Next Scheduled EDR Contact: 08/21/2023 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: 03/23/2023

Next Scheduled EDR Contact: 07/10/2023

Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 07/11/2022 Date Data Arrived at EDR: 07/14/2022 Date Made Active in Reports: 09/22/2022

Number of Days to Update: 70

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-335-4586 Last EDR Contact: 04/14/2023

Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 12/20/2022 Date Data Arrived at EDR: 01/04/2023 Date Made Active in Reports: 03/21/2023

Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-335-6610 Last EDR Contact: 03/23/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/06/2022 Date Data Arrived at EDR: 12/09/2022 Date Made Active in Reports: 03/02/2023

Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-335-4034 Last EDR Contact: 03/17/2023

Next Scheduled EDR Contact: 07/03/2023 Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 01/09/2023 Date Data Arrived at EDR: 01/31/2023 Date Made Active in Reports: 04/13/2023

Number of Days to Update: 72

Source: Department of Licensing & Regulatory Affairs

Telephone: 517-335-7279 Last EDR Contact: 04/12/2023

Next Scheduled EDR Contact: 07/10/2023 Data Release Frequency: Varies

LEAD CERT: Lead Safe Housing Registry

A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 82

Source: Department of Community Health

Telephone: 517-335-9699 Last EDR Contact: 02/23/2023

Next Scheduled EDR Contact: 06/12/2023 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: 03/30/2023

Next Scheduled EDR Contact: 07/10/2023

Data Release Frequency: Varies

UIC: Underground Injection Wells Database

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

Date of Government Version: 01/20/2023 Date Data Arrived at EDR: 01/25/2023 Date Made Active in Reports: 04/13/2023

Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-241-1515 Last EDR Contact: 04/13/2023

Next Scheduled EDR Contact: 07/31/2023 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: 08/11/2022 Date Data Arrived at EDR: 08/11/2022 Date Made Active in Reports: 10/31/2022

Number of Days to Update: 81

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-284-6562 Last EDR Contact: 05/10/2023

Next Scheduled EDR Contact: 08/28/2023

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: 03/07/2023 Date Data Arrived at EDR: 03/07/2023 Date Made Active in Reports: 03/24/2023

Number of Days to Update: 17

Source: Environmental Protection Agency Telephone: 202-566-0250

Next Scheduled EDR Contact: 07/17/2023

Data Release Frequency: Varies

Last EDR Contact: 03/30/2023

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: 02/24/2023

Next Scheduled EDR Contact: 06/05/2023

Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES

facilities.

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 55

Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 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: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023

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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

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

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: 11/16/2022

Date Data Arrived at EDR: 11/16/2022 Date Made Active in Reports: 02/06/2023

Number of Days to Update: 82

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/11/2023

Next Scheduled EDR Contact: 08/21/2023 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: 03/30/2023

Next Scheduled EDR Contact: 07/17/2023 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 10/29/2021 Date Made Active in Reports: 01/19/2022

Number of Days to Update: 82

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 04/27/2023

Next Scheduled EDR Contact: 08/07/2023 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: 04/06/2023

Next Scheduled EDR Contact: 07/24/2023 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 11/30/2021 Date Made Active in Reports: 02/18/2022

Number of Days to Update: 80

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/10/2022

Next Scheduled EDR Contact: 08/28/2023 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: 03/06/2023

Next Scheduled EDR Contact: 06/19/2023 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

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 IMLAY CITY DPW 400 EAST THIRD STREET IMLAY CITY, MI 48444

TARGET PROPERTY COORDINATES

Latitude (North): 43.023723 - 43° 1' 25.40" Longitude (West): 83.072465 - 83° 4' 20.87"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 331134.4 UTM Y (Meters): 4765318.5

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.

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).

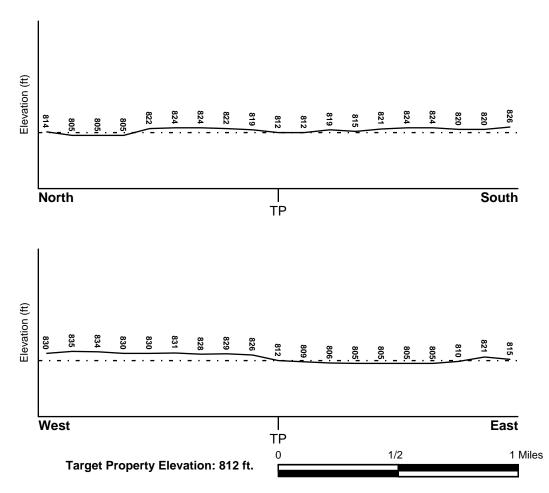
TOPOGRAPHIC INFORMATION

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.

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 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.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

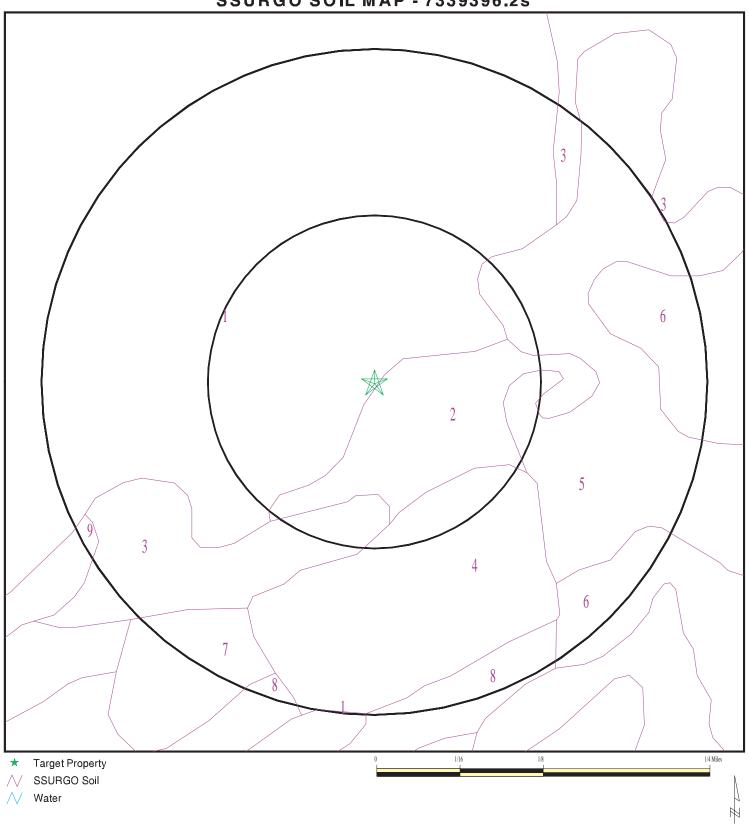
Era: Paleozoic Category: Stratified Sequence

System: Mississippian

Series: Osagean and Kinderhookian Series
Code: M1 (decoded above as Era, System & Series)

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

SSURGO SOIL MAP - 7339396.2s



SITE NAME: Former Imlay City DPW ADDRESS: 400 East Third Street Imlay City MI 48444 LAT/LONG: 43.023723 / 83.072465

CLIENT: ECT CONTACT: Maura Gibbons INQUIRY#: 7339396.2s

DATE: May 17, 2023 1:16 pm

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			
	Вои	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
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										
	Bou	ndary		Classif	ication	Saturated hydraulic	Soil Reaction (pH)				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec					
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

	Воц	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic	
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
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											
	Bou	ındary		Classif	ication	Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec						
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												
	Bou	ındary		Classi	fication	Saturated hydraulic						
Layer Upp	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)					
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:					

Soil Map ID: 4

Soil Component Name: Mcbride

Soil Surface Texture: sandy loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

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

	Boundary			Classification		Saturated	
Layer	Upper	Lower	Soil Texture Class		Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)
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										
	Bou	ndary		Classit	fication	Saturated hydraulic	Soil Reaction (pH)				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec					
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										
	Bou	ndary		Classification		Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)				
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

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

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										
	Bou	ındary		Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)				
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	r Information			
	Вои	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic	
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	
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											
	Воц	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic	Soil Reaction (pH)				
Layer	Upper	Lower		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											
	Bou	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic conductivity micro m/sec						
Layer	Upper	Lower		AASHTO Group	Unified Soil		Soil Reaction (pH)					
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		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
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	
Layer	er Upper Lower	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
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

LOCATION FROM TP

No Wells Found

MAP ID

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

WELL ID

LOCATION MAP ID WELL ID 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

LOCATION

STATE DATABASE WELL INFORMATION

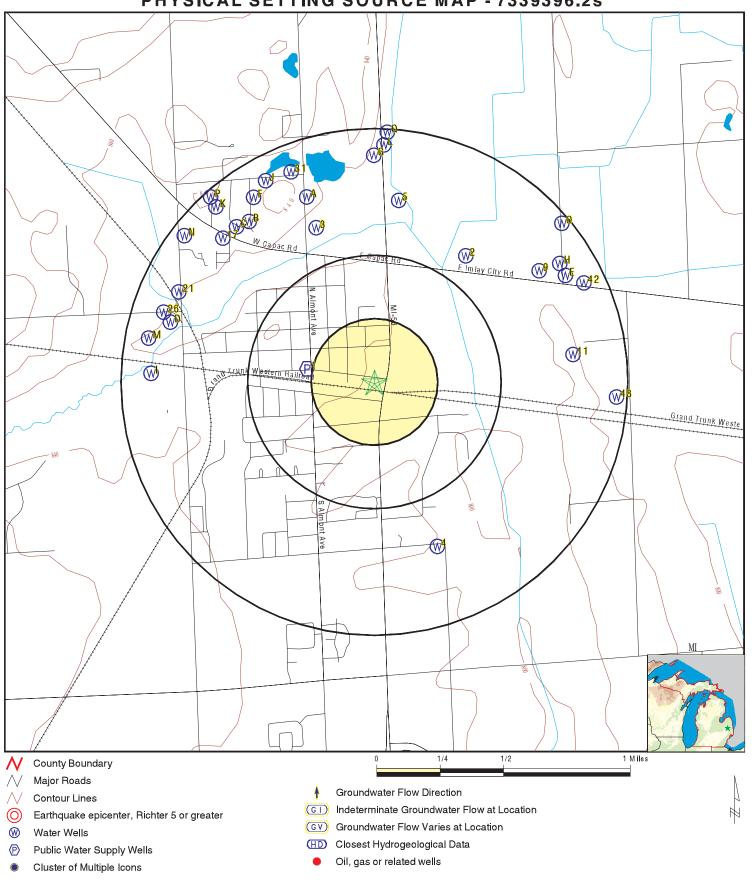
MAP ID	WELL ID	FROM TP
	MI6000000456644	1/2 - 1 Mile NE
3	MI6000000452738	1/2 - 1 Mile NNW
4	MI6000000457921	1/2 - 1 Mile SSE
5	MI6000000455112	1/2 - 1 Mile North
A6	MI6000000460328	1/2 - 1 Mile NNW
A7	MI6000000456033	1/2 - 1 Mile NNW
B8	MI6000000456887	1/2 - 1 Mile NW
9	MI6000000455557	1/2 - 1 Mile NE
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
D15	MI6000000450967	1/2 - 1 Mile WNW
B16	MI6000000454453	1/2 - 1 Mile NW
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
21	MI6000000453284	1/2 - 1 Mile WNW
G22	MI6000000455564	1/2 - 1 Mile North
F23	MI6000000455452	1/2 - 1 Mile NW
H24	MI6000000457471	1/2 - 1 Mile ENE
D25	MI6000000454823	1/2 - 1 Mile WNW
26	MI6000000454326	1/2 - 1 Mile WNW
127	MI6000000456634	1/2 - 1 Mile West
128	MI6000000456635	1/2 - 1 Mile West
H29	MI6000000456162	1/2 - 1 Mile ENE
E30	MI6000000459396	1/2 - 1 Mile ENE
31	MI6000000452943	1/2 - 1 Mile NNW
J32	MI6000000458319	1/2 - 1 Mile NNW
K33	MI6000000455823	1/2 - 1 Mile NW
G34	MI6000000460314	1/2 - 1 Mile North
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
J39	MI6000000453644	1/2 - 1 Mile NNW
G40	MI6000000461140	1/2 - 1 Mile North
F41	MI6000000452162	1/2 - 1 Mile NNW
42	MI6000000460808	1/2 - 1 Mile ENE
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
K47	MI6000000459868	1/2 - 1 Mile NW
48	MI6000000458871	1/2 - 1 Mile East
O49	MI6000000456196	1/2 - 1 Mile NE
L50	MI6000000460974	1/2 - 1 Mile North
N51	MI6000000451448	1/2 - 1 Mile NW
P52	MI6000000458511	1/2 - 1 Mile NW
O53	MI6000000452641	1/2 - 1 Mile NE

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

PHYSICAL SETTING SOURCE MAP - 7339396.2s



SITE NAME: Former Imlay City DPW ADDRESS: 400 East Third Street

Imlay City MI 48444 43.023723 / 83.072465 LAT/LONG:

CLIENT: ECT CONTACT: Maura Gibbons INQUIRY#: 7339396.2s

DATE: May 17, 2023 1:15 pm

Map ID Direction Distance

Elevation Database EDR ID Number

West 1/4 - 1/2 Mile **FRDS PWS** MI0003104

Higher

Epa region: 05 State: MI

MI0003104 **HEATHER HIGHLANDS** Pwsid: Pwsname:

Cityserved: Not Reported Stateserved: 26067 Zipserved: Not Reported Fipscounty: Status: Closed Retpopsrvd: 50

Pwssvcconn: Psource longname: Groundwater Pwstype: CWS Owner: unknown HEATHER HIGHLANDS Contact: Contactorgname: Not Reported Not Reported Contactphone: Not Reported Contactaddress1: Contactaddress2: P.O. BOX 262 Contactcity: **PORTLAND**

MI 48875 Contactstate: Contactzip: Pwsactivitycode:

PWS ID: MI0003104 PWS type: Not Reported PWS name: Not Reported PWS address: Not Reported PWS city: Not Reported PWS state: Not Reported PWS ID: MI0003104 PWS zip: Not Reported Activity status: Date system activated: Active 7706

Date system deactivated: Not Reported Retail population: 00000050 **HEATHER HIGHLANDS** System name: System address: Not Reported System address: P.O. BOX 262 System city: **PORTLAND**

System state: М System zip: 48875

Population served: Under 101 Persons Treatment: Untreated

0830440 Latitude: 430128 Longitude:

ΝE 1/2 - 1 Mile Lower

PVC Plastic

MI WELLS MI6000000456644

Other Casing Info:

WELLS:

Case Type:

Well ID: 44000006239 W06120 Permit #: TOM BROOD Well Depth (ft): Owner: 60

Well Type: Household Other Type Info: Not Reported Well Status: Active Other Status Info: Not Reported Not Reported Water Supply Serial #: Well #: Driller ID: 44-1083 Drill Method: **ROTARY** Other Method Info: Not Reported 26-MAY-05 Construction Date:

Case Diameter (in): 5 Case Depth (ft): 60 Screen Start Depth (ft): 52 Screen End Depth (ft): 60 Static Water Level (ft): 19 Flowing: Ν Test Drawdown Depth (ft): 60 Test Hours: 2 Test Rate: 25 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: Λ

Rock Top (ft): 0 Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number

NNW 1/2 - 1 Mile MI WELLS MI6000000452738

WELLS:

Lower

 Well ID:
 4400002034
 Permit #:
 W01627

 Owner:
 JIM PERRY
 Well Depth (ft):
 130

 Well Type:
 Household
 Other Type Info:
 Not Repo

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: Construction Date: 25-MAY-01 Not Reported 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 Flowing: Static Water Level (ft): 0 Ν Test Drawdown Depth (ft): 20 Test Hours: 0 Test Rate: 0 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 0 0 Elevation (ft): Specific Capacity:

Rock Top (ft): 100

4 SSE MI WELLS MI6000000457921

1/2 - 1 Mile Higher

WELLS:

 Well ID:
 4400007638
 Permit #:
 W08875

 Owner:
 JOANNE STEWART
 Well Depth (ft):
 160

Well Type: Other Type Info: Not Reported Household Well Status: Other Status Info: Not Reported Active Well #: Not Reported Water Supply Serial #: 0 Driller ID: 44-1902 Drill Method: **ROTARY** 26-AUG-09 Other Method Info: Not Reported Construction Date: **PVC Plastic** Case Type: Other Casing Info: Not Reported

5 Case Depth (ft): Case Diameter (in): 117 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 25 Flowing: Ν Test Drawdown Depth (ft): 100 Test Hours: 3 AIR Test Rate: 15 Test Method: Pump Capacity (gpm): Well Grouted: Υ 10 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft):

5 North MI WELLS MI600000455112

1/2 - 1 Mile Lower

WELLS:

 Well ID:
 4400004579
 Permit #:
 W05178

 Owner:
 FORD PLUMBING
 Well Depth (ft):
 100

Well Type: Household Other Type Info: Not Reported

Well Status: Other Status Info: Not Reported Active Water Supply Serial #: Well #: Not Reported Driller ID: 44-2047 Drill Method: **ROTARY** Not Reported 16-FEB-04 Other Method Info: Construction Date: PVC Plastic Case Type: 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: Ν Test Drawdown Depth (ft): 50 Test Hours: 3 Test Rate: 10 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 0 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 40

A6
NNW
MI WELLS MI600000460328
1/2 - 1 Mile

WELLS:

Higher

 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 #: Not Reported Well #: Driller ID: 44-1800 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 08-AUG-19 **PVC Plastic** Not Reported Case Type: Other Casing Info:

Case Diameter (in): Case Depth (ft): 88 Screen End Depth (ft): Screen Start Depth (ft): 0 0 20 Ν Static Water Level (ft): Flowing: Test Drawdown Depth (ft): 140 Test Hours: 2 Test Rate: 18 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 66

A7
NNW
MI WELLS
MI600000456033
1/2 - 1 Mile
Higher

WELLS:

 Well ID:
 4400005550
 Permit #:
 W05809

 Owner:
 WAYNE TOBY
 Well Depth (ft):
 140

 Well Type:
 Household
 Other Type Info:
 Not Reported

Other Status Info: Well Status: Active Not Reported Water Supply Serial #: Well #: Not Reported n 44-1939 Driller ID: Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 31-DEC-04 Case Type: **PVC Plastic** Other Casing Info: Not Reported

5 Case Diameter (in): Case Depth (ft): 140 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 10 Flowing: Ν Test Drawdown Depth (ft): 140 Test Hours: 2 Test Rate: 18 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0

40 Rock Top (ft):

R8 NW 1/2 - 1 Mile **MI WELLS** MI6000000456887

WELLS:

Higher

Well ID: 44000006552 W07736 Permit #: 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 #: Well #:

Not Reported 44-1800 Drill Method: **ROTARY** Driller ID: 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: Ν Test Drawdown Depth (ft): 160 Test Hours: 2 Test Rate: 14 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 802 Specific Capacity: 0 Rock Top (ft): 67

MI WELLS MI6000000455557 1/2 - 1 Mile Higher

WELLS:

Well ID: 44000005046 Permit #: W05777 WILMA GRAY Well Depth (ft): Owner: 36 Household Not Reported Well Type: Other Type Info: Other Status Info: Not Reported Well Status: Active Not Reported Water Supply Serial #: Well #: ROTARY Driller ID: 44-1939 Drill Method: Other Method Info: Not Reported Construction Date: 05-JUN-04 **PVC Plastic** Case Type: Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 36 Screen Start Depth (ft): 32 Screen End Depth (ft): 36 Static Water Level (ft): 15 Flowing: Ν Test Drawdown Depth (ft): 36 Test Hours: 2 Test Rate: 15 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0 0

A10 NNW MI WELLS MI6000000452042 1/2 - 1 Mile

WELLS:

Higher

Rock Top (ft):

Well ID: 44000001330 Permit #: 03472 Owner: Jeff Morgan Well Depth (ft): 140

TC7339396.2s Page A-21

Well Type: Household Other Type Info: Not Reported Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported 44-1800 **ROTARY** Driller ID: Drill Method: Other Method Info: Not Reported Construction Date: 12-JUN-02 **PVC Plastic** Case Type: 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: Ν Test Drawdown Depth (ft): 60 Test Hours: 2 AIR Test Rate: 22 Test Method: Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 80

11 East MI WELLS MI600000459114 1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 4400008899
 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 #: Well #: Not Reported Driller ID: 50-2337 Drill Method: **ROTARY** Other Method Info: Not Reported 02-SEP-14 Construction Date: Case Type: **PVC Plastic** Other Casing Info: Not Reported

Case Diameter (in): 5 Case Depth (ft): 62 62 66 Screen Start Depth (ft): Screen End Depth (ft): Static Water Level (ft): 26 Ν Flowing: Test Drawdown Depth (ft): 60 Test Hours: 1 Test Rate: 25 Test Method: **AIR** Υ Well Grouted: Pump Capacity (gpm): 20 Elevation (ft): 0 Specific Capacity: 0

0

B12
NW MI WELLS MI6000000456582
1/2 - 1 Mile
Higher

WELLS:

Rock Top (ft):

 Well ID:
 4400006161
 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 #: Well #: Not Reported 44-1939 Drill Method: **ROTARY** Driller ID: Other Method Info: Not Reported Construction Date: 17-DEC-04 PVC Plastic Case Type: Other Casing Info: Not Reported

5 Case Diameter (in): Case Depth (ft): 180 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 20 Flowing: Ν Test Drawdown Depth (ft): 180 Test Hours: 2 Test Rate: 30 AIR Test Method: Well Grouted: Υ Pump Capacity (gpm): 10

823 0 Elevation (ft): Specific Capacity: Rock Top (ft): 50

A13 NNW MI6000000461376 **MI WELLS** 1/2 - 1 Mile Higher

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 #: Well #: Not Reported 0 25-2380 Driller ID: 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: Ν Test Drawdown Depth (ft): 120 Test Hours: 2 AIR Test Rate: 15 Test Method: Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 70

Well ID: 45000000334 Permit #: Not Reported

MILLER. STEVE Well Depth (ft): Owner:

Well Type: Household Other Type Info: Not Reported Well Status: Not Reported Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported Driller ID: 45-1645 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 09-SEP-81

PVC Plastic Case Type: Other Casing Info: Not Reported Case Diameter (in): 5 Case Depth (ft): 63 Screen Start Depth (ft): 63 Screen End Depth (ft): 67 Flowing: Static Water Level (ft): 23 Ν Test Drawdown Depth (ft): 0 Test Hours: 0 Test Rate: 0 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0

787.4 Elevation (ft): Specific Capacity: Rock Top (ft):

C14 **MI WELLS** MI6000000454662 1/2 - 1 Mile Higher

WELLS:

Case Type:

Well ID: 44000004088 Permit #: W-03490 Owner: MESA BUILDERS,LLC. Well Depth (ft): 160

Not Reported Well Type: Household Other Type Info: Well Status: Other Status Info: Not Reported Active Water Supply Serial #: Well #: Not Reported Driller ID: 44-1800 Drill Method: **ROTARY** 19-NOV-03 Other Method Info: Not Reported Construction Date: Other Casing Info:

Case Diameter (in): 5 Case Depth (ft): 60

PVC Plastic

Not Reported

0

Screen Start Depth (ft): Screen End Depth (ft): 60 50 Static Water Level (ft): 30 Flowing: Ν Test Drawdown Depth (ft): 60 Test Hours: 1 Test Rate: 15 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 50

D15
WNW MI WELLS MI600000450967
1/2 - 1 Mile

1/2 - 1 MI Higher

WELLS:

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 Υ Static Water Level (ft): 0 Flowing: Test Drawdown Depth (ft): 30 Test Hours: 0 Test Rate: 350 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 220 Elevation (ft): 810 Specific Capacity:

Rock Top (ft): 0

B16
NW MI WELLS MI6000000454453
1/2 - 1 Mile

WELLS:

Higher

 Well ID:
 4400003871
 Permit #:
 W03724

 Owner:
 WHITE TAIL HOMES
 Well Depth (ft):
 161

Other Type Info: Well Type: Household Not Reported Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported **ROTARY** Driller ID: 44-1902 Drill Method: Other Method Info: Not Reported Construction Date: 16-JUN-03 **PVC Plastic** Case Type: Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 73 0 Screen End Depth (ft): Screen Start Depth (ft): 0 25 Ν Static Water Level (ft): Flowing: Test Drawdown Depth (ft): 70 Test Hours: 3 Test Rate: 10 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0 70 Rock Top (ft):

TC7339396.2s Page A-24

Map ID Direction Distance

Elevation Database EDR ID Number

17 NW 1/2 - 1 Mile Higher

MI WELLS MI600000457608

WELLS:

 Well ID:
 4400007314
 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 Flowing: Static Water Level (ft): 15 Ν Test Drawdown Depth (ft): 70 Test Hours: 2 Test Rate: 40 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 830 0 Specific Capacity:

Rock Top (ft):

C18
NW
MI WELLS
MI6000000455816
1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 4400005318
 Permit #:
 W03490

 Owner:
 MESA BLDRS
 Well Depth (ft):
 167

Well Type: Other Type Info: Not Reported Household Well Status: Other Status Info: Not Reported Active Well #: Not Reported Water Supply Serial #: 0 Driller ID: 44-1939 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 14-JUL-04 **PVC Plastic** Case Type: Other Casing Info: Not Reported

Case Diameter (in): 5 Case Depth (ft): 167 Screen Start Depth (ft): Screen End Depth (ft): 0 0 Static Water Level (ft): 18 Flowing: Ν Test Drawdown Depth (ft): 167 Test Hours: 2 Test Rate: 40 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 0 Elevation (ft): 827 Specific Capacity: 0 Rock Top (ft): 50

E19
ENE MI WELLS MI6000000457562
1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 4400007261
 Permit #:
 NC08-007

 Owner:
 Family Of Christ Church
 Well Depth (ft):
 51

Well Type: Type II Public Other Type Info: Not Reported

Well Status: Other Status Info: Active 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 PVC Plastic Case Type: Other Casing Info: Not Reported Case Diameter (in): Case Depth (ft): 51 Screen Start Depth (ft): 40 Screen End Depth (ft): 51

Static Water Level (ft): 12 Flowing: Ν Test Drawdown Depth (ft): 40 Test Hours: 2 AIR Test Rate: 75 Test Method: Well Grouted: Υ Pump Capacity (gpm): 25 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 0

F20 NNW MI WELLS MI6000000461261 1/2 - 1 Mile

WELLS:

Case Type:

Rock Top (ft):

Higher

Well ID: 44000011185 Permit #: 12844 ROGER ROSZCZWEKI Owner: Well Depth (ft): 180

Well Type: Other Type Info: Not Reported Household Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Not Reported Well #: Driller ID: 44-2007 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 28-JAN-22 **PVC Plastic** Not Reported Case Type: Other Casing Info:

Case Diameter (in): Case Depth (ft): 108 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 35 Ν Static Water Level (ft): Flowing: Test Drawdown Depth (ft): 100 Test Hours: 3 Test Rate: 25 Test Method: **AIR** Well Grouted: 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 #: Well #: Not Reported Driller ID: 28-0481 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 25-MAY-89 **PVC Plastic** Not Reported

Other Casing Info:

Case Diameter (in): 5 Case Depth (ft): 45 Screen Start Depth (ft): 40 Screen End Depth (ft): 45 Static Water Level (ft): 5 Flowing: Ν 0 0 Test Drawdown Depth (ft): Test Hours: 0 Test Rate: Test Method: UNK Pump Capacity (gpm): Well Grouted: Υ 0 616.8 Specific Capacity: Elevation (ft): 0

Map ID Direction Distance

Elevation Database EDR ID Number

21 WNW 1/2 - 1 Mile Higher

MI WELLS MI600000453284

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 74 Screen Start Depth (ft): 70 Screen End Depth (ft): Flowing: Ν Static Water Level (ft): 20 Test Drawdown Depth (ft): 70 Test Hours: 1 Test Rate: 30 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 0

G22
North
MI WELLS MI6000000455564
1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 4400005053
 Permit #:
 W05476

 Owner:
 CHRISTOPHER SICH
 Well Depth (ft):
 100

Well Type: Other Type Info: Not Reported Household Well Status: Active Other Status Info: Not Reported Well #: Not Reported Water Supply Serial #: 0 **ROTARY** Driller ID: 63-1689 Drill Method: 26-AUG-04 Other Method Info: Not Reported Construction Date: **PVC Plastic** Case Type: 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: Ν Test Drawdown Depth (ft): 100 Test Hours: Test Rate: 100 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 54

F23 NW MI WELLS MI6000000455452

1/2 - 1 Mile Higher

WELLS:

 Well ID:
 4400004939
 Permit #:
 W-06127

 Owner:
 William McMurray
 Well Depth (ft):
 120

Well Type: Household Other Type Info: Not Reported

Well Status: Other Status Info: Not Reported Active Water Supply Serial #: Well #: Not Reported Driller ID: 44-1800 Drill Method: **ROTARY** 24-SEP-04 Other Method Info: Not Reported Construction Date: PVC Plastic Case Type: 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: Ν Test Drawdown Depth (ft): 120 Test Hours: 3 AIR Test Rate: 38 Test Method: Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 814 Specific Capacity: 0

Rock Top (ft): 62

H24
ENE
MI WELLS MI600000457471
1/2 - 1 Mile

WELLS:

Higher

 Well ID:
 4400007161
 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 #: Not Reported Well #: Driller ID: 44-1902 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 05-DEC-07 **PVC Plastic** Case Type: Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 52 Screen Start Depth (ft): 52 Screen End Depth (ft): 60 20 Ν Static Water Level (ft): Flowing: Test Drawdown Depth (ft): 50 Test Hours: 3 Test Rate: 40 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 0

D25 WNW MI WELLS MI600000454823

1/2 - 1 Mile Higher

WELLS:

 Well ID:
 4400004266
 Permit #:
 W02258

 Owner:
 RONALD ROSS
 Well Depth (ft):
 130

 Well Type:
 Household
 Other Type Info:
 Not Reserved.

Well Type: Household Other Type Info: Not Reported Other Status Info: Well Status: Active Not Reported Water Supply Serial #: Well #: Not Reported n 44-2047 Driller ID: Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 09-JAN-04 Case Type: **PVC Plastic** Other Casing Info: Not Reported

5 Case Diameter (in): Case Depth (ft): 80 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 30 Flowing: Ν Test Drawdown Depth (ft): 60 Test Hours: 1 Test Rate: 25 Test Method: **AIR** Well Grouted: Υ 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:4400008067Permit #:W09337Owner:Andrew PawlaczykWell Depth (ft):160Well Type:HouseholdOther Type Info:Not ReportedWell Status:ActiveOther Status Info:Not Reported

Not Reported Water Supply Serial #: Well #: Not Reported 44-1800 Drill Method: **ROTARY** Driller ID: 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: Ν Test Drawdown Depth (ft): 80 Test Hours: 2 Test Rate: 50 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 858 Specific Capacity: 0

Rock Top (ft): 82

I27
West MI WELLS MI600000456634
1/2 - 1 Mile

WELLS:

Higher

Well ID: 44000006228 Permit #: Not Reported Well Depth (ft): Owner: Not Reported 88 Test Well Other Type Info: Well Type: Not Reported Other Status Info: Not Reported Well Status: Active 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: Ν

Test Drawdown Depth (ft): 0 Test Hours: 0 Test Rate: 0 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0 Elevation (ft): 817.53 Specific Capacity: 0 Rock Top (ft):

I28
West MI WELLS MI600000456635
1/2 - 1 Mile

WELLS:

Higher

Well ID: 4400006229 Permit #: Not Reported

Owner: Not Reported Well Depth (ft): 54

Test Well Well Type: Other Type Info: Not Reported Well Status: Active Other Status Info: Not Reported TW-05A Water Supply Serial #: 3340 Well #: **ROTARY** Driller ID: Not Reported Drill Method: Other Method Info: Not Reported Construction Date: 14-DEC-05 PVC Plastic Case Type: Other Casing Info: Not Reported Case Diameter (in): Case Depth (ft): 46

Screen Start Depth (ft): 47 Screen End Depth (ft): 52 2.88 Static Water Level (ft): Flowing: Ν Test Drawdown Depth (ft): 0 Test Hours: 0 Test Rate: 0 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0 Elevation (ft): 817.81 Specific Capacity: 0 Rock Top (ft):

H29
ENE MI WELLS MI600000456162
1/2 - 1 Mile

WELLS:

Lower

 Well ID:
 4400005694
 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 #: Well #: Not Reported Driller ID: 44-1800 Drill Method: **ROTARY** Other Method Info: Not Reported 15-AUG-05 Construction Date: Case Type: **PVC Plastic** Other Casing Info: Not Reported

Case Diameter (in): 5 Case Depth (ft): 47 47 51 Screen Start Depth (ft): Screen End Depth (ft): Static Water Level (ft): 15 Ν Flowing: Test Drawdown Depth (ft): 45 Test Hours: 2 27 Test Rate: Test Method: **AIR** Υ Well Grouted: Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: n Rock Top (ft): 0

Nook Top (ii).

E30
ENE MI WELLS MI6000000459396
1/2 - 1 Mile

Lower WELLS:

 Well ID:
 4400009209
 Permit #:
 W10731

 Owner:
 David Manick
 Well Depth (ft):
 52

Not Reported Well Type: Household Other Type Info: Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported 44-1800 Drill Method: **ROTARY** Driller ID: Other Method Info: Not Reported Construction Date: 08-JAN-16 PVC Plastic Case Type: Other Casing Info: Not Reported

47 Case Diameter (in): 5 Case Depth (ft): Screen Start Depth (ft): 47 Screen End Depth (ft): 51 Static Water Level (ft): 15 Flowing: Ν Test Drawdown Depth (ft): 46 Test Hours: 2 Test Rate: 25 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10

Elevation (ft): 246 Specific Capacity: 0 Rock Top (ft): 0

31 NNW MI WELLS MI600000452943 1/2 - 1 Mile Higher

WELLS:

Well ID: 44000002240 Permit #: W97-297 Owner: SUSAN HORST Well Depth (ft): 160 Well Type: Household Other Type Info: Not Reported Well Status: Other Status Info: Not Reported Active Water Supply Serial #: Well #: Not Reported 0 Driller ID: 44-2029 Drill Method: **ROTARY** Other Method Info: Not Reported 20-MAR-01 Construction Date: 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: Ν Test Drawdown Depth (ft): 0 Test Hours: 0 0 AIR Test Rate: Test Method: Pump Capacity (gpm): Well Grouted: Υ 0 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 110

J32
NNW
MI WELLS
MI6000000458319
1/2 - 1 Mile

Higher WELLS:

W-09318 Well ID: 44000008058 Permit #: Well Depth (ft): Owner: Jesus Robles 190 Well Type: Household Other Type Info: Not Reported Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported Driller ID: 44-1800 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 23-MAY-11 **PVC Plastic** Other Casing Info: Case Type: 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: Ν Test Drawdown Depth (ft): 100 Test Hours: 2 AIR Test Rate: 30 Test Method: Well Grouted: Υ Pump Capacity (gpm): 20 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 87

K33 NW MI WELLS MI6000000455823

1/2 - 1 Mile Higher

WELLS:

Well ID: 4400005325 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 #: Well #: Not Reported Driller ID: 44-1939 Drill Method: Unknown 18-OCT-04 Other Method Info: Not Reported Construction Date: Case Type: **PVC Plastic** Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 170 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 10 Flowing: Ν Test Drawdown Depth (ft): 170 Test Hours: 2 Test Rate: 20 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 836 Specific Capacity: 0 Rock Top (ft): 60

G34 North 1/2 - 1 Mile Lower

WELLS:

 Well ID:
 44000010179
 Permit #:
 PW08636

 Owner:
 Robley Investments
 Well Depth (ft):
 160

Other Type Info: Well Type: Type III Public Not Reported Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported 44-1800 Drill Method: **ROTARY** Driller ID: Other Method Info: Not Reported Construction Date: 26-JUL-19 Case Type: **PVC Plastic** Other Casing Info: Not Reported

5 Case Diameter (in): Case Depth (ft): 102 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 20 Flowing: Ν Test Drawdown Depth (ft): 80 Test Hours: 2 Test Rate: 37 **AIR** Test Method: Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 47

L35
North MI WELLS MI600000460323
1/2 - 1 Mile
Lower

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 #: Well #: Not Reported Driller ID: 44-2007 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 28-AUG-19 **PVC Plastic** Other Casing Info: Not Reported Case Type:

Case Diameter (in): 5 Case Depth (ft): 69 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 25 Static Water Level (ft): Flowing: Ν Test Drawdown Depth (ft): 60 Test Hours: 3 Test Rate: 30 Test Method: **AIR**

MI WELLS

MI6000000460314

Well Grouted: Υ 10 Pump Capacity (gpm): Elevation (ft): 0 Specific Capacity:

Rock Top (ft): 56

NNW **MI WELLS** MI6000000459562 1/2 - 1 Mile

Higher

WELLS:

Well ID: 44000009387 Permit #: W10943 Scot Riester Well Depth (ft): 140 Owner: Well Type: Household Other Type Info: Not Reported Other Status Info: Well Status: Active Not Reported Water Supply Serial #: Well #: Not Reported 44-1800 Drill Method: **ROTARY** Driller ID: Other Method Info: Not Reported Construction Date: 01-AUG-16 **PVC Plastic** Case Type: 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: Ν Test Drawdown Depth (ft): 80 2 Test Hours: Test Rate: 20 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0

95 Rock Top (ft):

M37 West MI WELLS MI6000000456948 1/2 - 1 Mile

Higher

WELLS:

Well ID: 44000006617 Permit #: Not Reported Owner: City of Imlay City Well Depth (ft): 55

Well Type: Other Type Info: Type I Public Not Reported Well Status: Active Other Status Info: Not Reported Water Supply Serial #: 3340 Well #: PW-3 34-2097 **ROTARY** Driller ID: Drill Method: 11-JUL-06 Other Method Info: Not Reported Construction Date: Case Type: Steel-black Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 45 Screen Start Depth (ft): 45 Screen End Depth (ft): 55 Static Water Level (ft): 4.5 Flowing: Ν Test Drawdown Depth (ft): 33.72 Test Hours: 8 Test Rate: 332 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 0

Elevation (ft): 817.8 Rock Top (ft): 0

M38 MI WELLS MI6000000456941 West

Specific Capacity:

1/2 - 1 Mile Higher

WELLS:

0

Owner: Not Reported Well Depth (ft): 55

Well Type: Type I Public Other Type Info: Not Reported Well Status: Other Status Info: Active Not Reported Water Supply Serial #: SPW-3 3340 Well #: 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 45 Screen Start Depth (ft): Screen End Depth (ft): 55 Static Water Level (ft): 4.5 Flowing: Ν Test Drawdown Depth (ft): 33.72 Test Hours: 8 Test Rate: 11 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0 Specific Capacity: 0

Elevation (ft): 0
Rock Top (ft): 0

J39
NNW
MI WELLS MI6000000453644
1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 4400002983
 Permit #:
 W03800

 Owner:
 DAN GODO
 Well Depth (ft):
 181

Other Type Info: Not Reported Well Type: Household Well Status: Active Other Status Info: Not Reported Not Reported Water Supply Serial #: Well #: Driller ID: 44-1902 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 10-SEP-02 PVC Plastic Case Type: Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 5 98 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 35 Flowing: Ν 80 Test Hours: Test Drawdown Depth (ft): 3 Test Method: Test Rate: 15 **AIR** Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 90

G40
North MI WELLS MI600000461140

1/2 - 1 Mile Higher

WELLS:

Well ID: 4400011052 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 #: Not Reported 44-1800 Well #: Driller ID: Drill Method: **ROTARY** Other Method Info: Not Reported **PVC Plastic** Construction Date: 29-SEP-21 Case Type:

Other Casing Info: Not Reported Case Diameter (in): 5 Case Depth (ft): 51 Screen Start Depth (ft): 0 Screen End Depth (ft): Static Water Level (ft): 20 0 Flowing: Ν Test Drawdown Depth (ft): 40

Test Hours: Test Rate: 10 2 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Rock Top (ft): Specific Capacity: 0 42

 Well ID:
 4500000066
 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 Not Reported Water Supply Serial #: Well #: 28-0481 Drill Method: ROTARY Driller ID: 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 Ν Static Water Level (ft): 6 Flowing: Test Drawdown Depth (ft): 0 Test Hours: 0 Test Rate: 0 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0 Elevation (ft): 600.39 Specific Capacity: 0

Rock Top (ft):

F41
NNW
MI WELLS
MI6000000452162
1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 44000001453
 Permit #:
 W01312

 Owner:
 MESA Builders
 Well Depth (ft):
 161

Other Type Info: Not Reported Well Type: Household Well Status: Other Status Info: Not Reported Active Water Supply Serial #: 0 Well #: Not Reported Driller ID: 44-1902 Drill Method: **ROTARY** Other Method Info: Not Reported 21-FEB-02 Construction Date: PVC Plastic Other Casing Info: Not Reported Case Type:

Case Diameter (in): 5 Case Depth (ft): 73 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 15 Flowing: Ν Test Drawdown Depth (ft): 60 Test Hours: 3 Test Rate: 15 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 65

42 ENE MI WELLS MI600000460808 1/2 - 1 Mile

Lower

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 #: Not Reported 0 Well #: 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): Case Depth (ft): Screen Start Depth (ft): 68 Screen End Depth (ft): 88 Static Water Level (ft): 9 Flowing: Ν Test Drawdown Depth (ft): 70 Test Hours: 2 Test Rate: 50 Test Method: AIR Pump Capacity (gpm): Well Grouted: Υ 20 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 0

G43
North MI WELLS MI6000000454171
1/2 - 1 Mile

Higher 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 #: Well #: Not Reported 44-1939 Drill Method: Driller ID: **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: Ν Test Drawdown Depth (ft): 2 60 Test Hours: Test Rate: 40 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 10 0 0 Elevation (ft): Specific Capacity:

Rock Top (ft): 68

N44 NW MI WELLS MI600000461340

1/2 - 1 Mile Higher

WELLS:
Well ID: 44000011267

 Well ID:
 44000011267
 Permit #:
 13313

 Owner:
 FRANCISCO BARRAGAN
 Well Depth (ft):
 180

Well Type: Household Other Type Info: Not Reported Well Status: Other Status Info: Not Reported Active Water Supply Serial #: Well #: Not Reported 44-2007 Driller ID: Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 08-JUN-22 **PVC Plastic** Not Reported Case Type: Other Casing Info:

Case Diameter (in): 5 Case Depth (ft): 107 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 30 Flowing: Ν Test Drawdown Depth (ft): 100 Test Hours: 3 Test Rate: 25 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 0

Well ID: 4500000298 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 #: Well #: Not Reported Driller ID: 45-0795 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 20-JUL-81 PVC Plastic Case Type: Other Casing Info: Not Reported Case Diameter (in): Case Depth (ft): 119

Screen Start Depth (ft): 119 Screen End Depth (ft): 129 Static Water Level (ft): 48 Flowing: Ν Test Drawdown Depth (ft): 0 Test Hours: 0 Test Rate: 0 Test Method: UNK Well Grouted: Υ Pump Capacity (gpm): 0 Elevation (ft): 728.35 Specific Capacity: 0

Rock Top (ft): 0

K45 NW MI WELLS MI600000451591 1/2 - 1 Mile

Higher

WELLS:

 Well ID:
 4400000848
 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 #: Well #: Not Reported Driller ID: 63-1689 Drill Method: **ROTARY** Other Method Info: Not Reported 19-JUL-00 Construction Date: Case Type: **PVC Plastic** Other Casing Info: Not Reported Case Diameter (in): 5 Case Depth (ft): 100.5 0 0 Screen Start Depth (ft): Screen End Depth (ft):

Static Water Level (ft): 52 Ν Flowing: Test Drawdown Depth (ft): 220 Test Hours: 1 Test Rate: 30 Test Method: **AIR** Υ Well Grouted: Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: n

Rock Top (ft): 80

K46 NW MI WELLS MI6000000459465 1/2 - 1 Mile

Higher WELLS:

 Well ID:
 4400009284
 Permit #:
 W10851

 Owner:
 Beverly Vankuren
 Well Depth (ft):
 180

Not Reported Well Type: Household Other Type Info: Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported 44-1800 Drill Method: **ROTARY** Driller ID: Other Method Info: Not Reported Construction Date: 18-MAY-16 PVC Plastic Case Type: Other Casing Info: Not Reported

5 70 Case Diameter (in): Case Depth (ft): Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 30 Flowing: Ν Test Drawdown Depth (ft): 60 Test Hours: 2 Test Rate: 15 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10

Elevation (ft): 257 Specific Capacity: 0 Rock Top (ft): 58

K47 NW MI WELLS MI600000459868 1/2 - 1 Mile

Higher

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 #: Well #: Not Reported 0 44-1800 Driller ID: Drill Method: **ROTARY** Other Method Info: Not Reported 15-AUG-17 Construction Date: 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: Ν Test Drawdown Depth (ft): 80 Test Hours: 2 30 AIR Test Rate: Test Method: Pump Capacity (gpm): Well Grouted: Υ 10 Elevation (ft): 0 Specific Capacity: 0

Rock Top (ft): 80

48 East MI WELLS MI6000000458871

1/2 - 1 Mile Higher

WELLS:

Well ID: 44000008637 W09275 Permit #: Well Depth (ft): Owner: Gabriel Munguia 89 Well Type: Household Other Type Info: Not Reported Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported Driller ID: 50-2337 Drill Method: **ROTARY** Other Method Info: Not Reported Construction Date: 30-SEP-13 **PVC Plastic** Other Casing Info: Case Type: Not Reported

Case Diameter (in): Case Depth (ft): 85 Screen Start Depth (ft): 85 Screen End Depth (ft): 89 Static Water Level (ft): 20 Flowing: Ν Test Drawdown Depth (ft): 80 Test Hours: 1 Test Rate: 25 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 0 Elevation (ft): Specific Capacity: 0

Rock Top (ft): 0

O49
NE MI WELLS MI600000456196

1/2 - 1 Mile Lower

WELLS:

Well ID: 4400005731 Permit #: 011-016-028-15

Owner: E & H CONSTRUCTION Well Depth (ft): 60

Well Type: Household Other Type Info: Not Reported Not Reported Well Status: Active Other Status Info: Water Supply Serial #: Well #: Not Reported ROTARY Driller ID: 44-1902 Drill Method: 03-SEP-05 Other Method Info: Not Reported Construction Date: Case Type: **PVC Plastic** Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 52 52 Screen Start Depth (ft): Screen End Depth (ft): 60 Ν Static Water Level (ft): 15 Flowing: Test Drawdown Depth (ft): 60 Test Hours: 3 Test Rate: 60 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 12 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 0

L50
North MI WELLS MI600000460974
1/2 - 1 Mile
Lower

WELLS:

 Well ID:
 44000010874
 Permit #:
 12881

 Owner:
 PAT SMITH
 Well Depth (ft):
 160

Other Type Info: Well Type: Household Not Reported Well Status: Other Status Info: Not Reported Active Water Supply Serial #: Well #: Not Reported 44-2007 Driller ID: 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: Ν Test Drawdown Depth (ft): 50 Test Hours: 3 Test Rate: 40 Test Method: **AIR** Well Grouted: Υ Pump Capacity (gpm): 40 Elevation (ft): 0 Specific Capacity: 0 Rock Top (ft): 45

WELLS:

 Well ID:
 4400000705
 Permit #:
 W99-2384

 Owner:
 DONALD MAISON
 Well Depth (ft):
 140

Other Type Info: Not Reported Well Type: Household Well Status: Active Other Status Info: Not Reported Water Supply Serial #: Well #: Not Reported Driller ID: 44-1939 Drill Method: **ROTARY** Other Method Info: Not Reported 10-APR-00 Construction Date: **PVC Plastic** Other Casing Info: Not Reported Case Type:

Case Diameter (in): 5 Case Depth (ft): 90 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 25 Static Water Level (ft): Flowing: Ν 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

P52 NW MI WELLS MI6000000458511

1/2 - 1 Mile Higher

WELLS:

 Well ID:
 4400008264
 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: Other Status Info: Not Reported

Other Method Info:

Case Type:

Case Diameter (in):

44-1800

Not Reported

Construction Date:

Other Casing Info:

Case Depth (ft):

Drill Method:

Construction Date:

Other Casing Info:

Case Depth (ft):

51

Screen Start Depth (ft): 51 Screen End Depth (ft): 56 20 Ν Static Water Level (ft): Flowing: Test Drawdown Depth (ft): 47 2 Test Hours: Test Rate: 15 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 Elevation (ft): 850 Specific Capacity: 0

Rock Top (ft): 0

O53
NE MI WELLS MI6000000452641

1/2 - 1 Mile Lower

WELLS:

Well ID: 4400001937 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 #: Well #: Not Reported Drill Method: Driller ID: 74-1728 **ROTARY** 18-JUN-99 Other Method Info: Not Reported Construction Date: Case Type: **PVC Plastic** Other Casing Info: Not Reported

Case Diameter (in): Case Depth (ft): 49 Screen Start Depth (ft): 49 Screen End Depth (ft): 65 Static Water Level (ft): 0 Flowing: Ν Test Drawdown Depth (ft): 64 Test Hours: 3 Test Rate: 50 Test Method: AIR Υ Well Grouted: Pump Capacity (gpm): 18 0 Specific Capacity: 0

Elevation (ft): 0
Rock Top (ft): 0

1/2 - 1 Mile Higher

WELLS:

 Well ID:
 4400002122
 Permit #:
 W01565

 Owner:
 CHESTER CRIMM
 Well Depth (ft):
 162

Well Type: Household Other Type Info: Not Reported Well Status: Other Status Info: Active Not Reported Water Supply Serial #: Not Reported Well #: ROTARY Driller ID: 44-1939 Drill Method: 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 0 Screen Start Depth (ft): Screen End Depth (ft): 0 Static Water Level (ft): 15 Flowing: Ν Test Drawdown Depth (ft): 80 Test Hours: 1 Test Rate: 80 Test Method: AIR Well Grouted: Υ Pump Capacity (gpm): 10 0 Specific Capacity: 0 Elevation (ft):

Rock Top (ft): 64

Q55
North MI WELLS MI600000453867
1/2 - 1 Mile

Lower

WELLS:

 Well ID:
 4400003221
 Permit #:
 W03427

 Owner:
 GEORGE TURNER TRUST
 Well Depth (ft):
 80

Other Type Info: Not Reported Well Type: Household Other Status Info: Well Status: Active Not Reported Water Supply Serial #: Well #: Not Reported Driller ID: 44-1939 Drill Method: Unknown Other Method Info: Not Reported Construction Date: 02-JUL-02 PVC Plastic Not Reported Case Type: Other Casing Info:

Case Diameter (in): Case Depth (ft): 5 80 Screen Start Depth (ft): 0 Screen End Depth (ft): 0 Static Water Level (ft): 12 Flowing: Ν Test Drawdown Depth (ft): 80 Test Hours: 2 Test Method: AIR Test Rate: 40 Well Grouted: Υ Pump Capacity (gpm): 10 Specific Capacity: Elevation (ft): 0 0

Rock Top (ft): 38

Q56 North MI WELLS MI600000460377

1/2 - 1 Mile Lower

WELLS:

 Well ID:
 44000010247
 Permit #:
 10854

 Owner:
 BRANDON VIAENE
 Well Depth (ft):
 160

Well Type: Household Other Type Info: Not Reported Other Status Info: Well Status: Active Not Reported Water Supply Serial #: Well #: Not Reported 44-2007 Drill Method: Driller ID: **ROTARY** Other Method Info: 07-SEP-19 Not Reported Construction Date: **PVC Plastic** Case Type: 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: Ν 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

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48444	2/7/2006		0.2
48444 48444	2/7/2006 3/20/2004	<	0.3 0.5
48444	2/3/2007	_	0.3
48444	11/17/1999	<	0.5 0.5
48444 48444	5/3/2004	<	0.3
48444	11/9/2002		0.8
48444	1/20/2004		0.8
48444	2/6/2006		0.7
48444	1/10/2004		0.9
48444	2/14/2007		0.9
48444	11/28/2007		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	2/2/1995		1.5
48444	4/6/2001		1.6
48444	1/19/2004		1.5
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
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	2/9/2006		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			

AREA RADON INFORMATION

	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	2/3/2007		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	1/17/2009		3.3
48444	4/6/2001		3.9
48444 48444	4/6/2001 4/16/2005		3.9
48444	4/10/2004		3.1
48444	3/31/2008		3.4
48444	1/8/2004		3.8

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			

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Instructions: Please complete the questionnaire to the best of your knowledge.

PROJECT/SITE INFORMATION								
Project Street Addre	ss(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 INFORMA								
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: .1	70	Original Construction	on 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? If yes, is it a full or partial basement? No basement, but crawl space prese								
List any plans for red	development of the property or ch	anges 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								

Environmental Site Assessment Questionnaire

UTILITY INFORMATION					
Electricity Provider: Unknown			Natural Gas Provider: Unknown		
Heating System Fuel Source(s): Unknown			Cooling System Power Source: Unknown		
Sanitary Sewer Provider (if applie	cable):		Is there any wastewater discharge at the site?		
Municipal			☐ Septic Tank☐ Drain/Leach Field☐ Other:		
Potable Water Source/Provider:	Munici	pal			
OCCUPANTS/TENANTS					
Current Occupant(s)/Tenant(s)	Length occupa	•	Brief description of on-site operations		
Vacant					
Previous Occupant(s)/Tenant(s)	Length occupa	-	Brief description of on-site operations		
Former Sign Shop					
Has the subject property ever beIndustrial FacilityDry Clear If yes, please describe operation	ner 🔲 G	as Static	on Printing Facility Manufacturing Facility		
Unknown					
Have any previous investigations been performed at the subject property? Yes No;					
If yes, please describe the report	t type an	id provid	de a copy of each prior report: Phase I ESA Phase II Other		
Extensive sampling hist	ory is	knowi	n from prior LUSTs. Records have been provided.		
ON-SITE ENVIRONMENTAL CO					
	_		ntal conditions, either current or former , on the Subject Property? tion 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		V			
Stored Chemicals					
Chemical Spills/Releases	V		Aware of extensive sampling history		
Dump Areas/Landfills			Not aware		
Waste Treatment Systems	Not a		Not aware		
Environmental Permits	Not		Not aware		
Environmental Cleanups	nmental Cleanups 🗸 🗸 Awa		ware 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 CON	DITIONS	5	
Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in,on, or from the property? 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? \(\subseteq Yes \subseteq No \) 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? Not aware Not aware			
Are you aware of any environmental liens or activity and use limitations (AULs) for the property? Yes Not aware 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			

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.				
		N	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		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







FACING SOUTH AT EASTERN (GARAGE) PORTION OF SUBJECT BUILDING



Description

FACING SOUTHEAST AT WESTERN (OFFICE) PORTION OF SUBJECT BUILDING





EASTERN EXTERIOR WALL OF SUBJECT BUILDING AT AREA OF FORMER HEATING OIL UST, WITH TYPICAL VIEW OF MONITORING WELL (BOTTOM LEFT)



Description

SOUTHERN EXTERIOR WALL OF SUBJECT BUILDING







IMPLEMENT STORAGE ON SOUTHERN PORTION OF SUBJECT PROPERTY



Description

FACING WEST AT IMPLEMENT STORAGE AREA WITH FIRE STATION VISIBLE IN DISTANCE







INTERIOR OF EASTERN (GARAGE) PORTION OF SUBJECT BUILDING



Description

TRENCH AND FLOOR DRAIN INSIDE GARAGE PORTION





TYPICAL INTERIOR VIEW OF WESTERN (OFFICES) PORTION OF SUBJECT BUILDING



Description

TYPICAL INTERIOR VIEW OF WESTERN (OFFICES) PORTION OF SUBJECT BUILDING







DOWNWARD VIEW OF CRAWL SPACE; NO INTERIOR ACCESS



Description

VIEW OF CRAWL SPACE; NO INTERIOR ACCESS





TWO STORAGE DRUMS ON WEST ADJOINING PROPERTY; NO STAINING IDENTIFIED



Description

INACTIVE REMEDIAL SYSTEM AND STORAGE DRUM ON SOUTH ADJOINING PROPERTY; NO STAINING IDENTIFIED





FACING SOUTHWEST AT SOUTH ADJOINING DEPARTMENT OF PUBLIC WORKS GARAGE



Description

FACING NORTH AT POLICE STATION ACROSS FROM EAST THIRD STREET



Appendix K

Resumes of Environmental Consultants



>Maura C. Gibbons

Associate Scientist III

Ms. Gibbons has a bachelor's degree in environmental geoscience from the Lyman Briggs College at Michigan State University. As an associate scientist, Ms. Gibbons has experience in conducting due diligence environmental assessments for agricultural, residential, commercial, and industrial land types in several different states. Ms. Gibbons has authored dozens of Phase I and II environmental site assessments (ESAs), baseline environmental assessments (BEAs), due care compliance documentations, and sampling and analysis plans (SAPs). Ms. Gibbons also has experience in field services, including asbestos surveys; soil, groundwater, and vapor sampling; confined space entry; and lab packing hazardous waste.



EXPERIENCE

Ypsilanti Community Schools | Washtenaw County Brownfield Redevelopment B.S. Environmental Geoscience, Michigan **Authority**

Authored three Phase I ESAs of former elementary school properties. Conducted an asbestos and hazardous materials survey of an elementary school prior to demolition activities.

Former Inverness Casting Group Facility | City of Dowagiac

Authored the Phase I ESA, BEA, and due care documentation report for an industrial site in Dowagiac, Michigan. The Phase I ESA included the summary of several previous investigations and remediation activities.

Apartment Complex Due Diligence and Asbestos Survey | Grandmont Rosedale Development Corporation

Conducted two Phase I ESAs and two asbestos surveys for a residential house and an apartment complex in Detroit, Michigan. The Phase I ESAs followed Michigan State Housing Development Authority (MSHDA) requirements.

Various Wind Repower Projects | NextEra Energy Resources, LLC

Authored several Phase I ESAs in Kansas and Iowa for existing wind energy farms. Sites included an operation and maintenance building, a laydown yard, and ranged between 40 and 148 wind turbines.

Various Solar Farm Projects | National Renewable Energy Corporation

Authored about a dozen of Phase I ESAs for various solar farm sites in Ohio, Indiana, South Carolina, and North Carolina prior to and post construction of solar energy farms. Sites ranged between 20 and 640 acres of land.

Various Farm Projects | Hancock Natural Resource Group, Inc.

Authored several Phase I ESAs of sites located in Washington, Illinois, Wisconsin, Michigan, and Ohio. Sites ranged between 400 and 5,000 acres of mostly agricultural land.

Dram Solar Project | Pine Gate Renewables, LLC

Authored the Phase I ESA for an approximate 60-acre agricultural property prior to the construction of a solar energy farm.

Wayne County Assessment Grant | 89 West Philadelphia Street

Conducted an asbestos and lead-based paint survey for a multi-tenant residential house in Detroit, Michigan.

EDUCATION

State University: Lyman Briggs College

REGISTRATIONS/CERTIFICATIONS

OSHA HAZWOPER 40-hour and 8-hour refresher trained

Certified Confined Space Entry Asbestos Building Inspector #A51771 Certified First Aid Training American Institute of Professional Geologists

Michigan Association of Environmental **Professionals**

AREAS OF EXPERTISE

Due Diligence Environmental Assessments Asbestos Surveys Soil, Groundwater & Vapor Sampling



>Maura C. Gibbons

Associate Scientist III

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Wayne County Assessment Grant | City of Flat Rock Downtown Development Authority

Conducted a Phase I ESA and an asbestos survey for a vacant medical office.

Capital 2020 Services | Michigan Electric Transmission Company

Authored Phase I ESAs, soil disposal assessments, and a due care analysis plan for several properties in Michigan prior to the construction of electrical substations.

Capital 2020 Services | ITC Midwest

Authored several Phase I ESAs for properties throughout Iowa and Wisconsin. Authored two soil investigation reports for the retirement of two electrical substations in Iowa.

Capital 2020 Services | ITC Transmission

Authored several Phase I and II ESAs, soil disposal assessments, a SAP, and a BEA for properties in Michigan prior to the construction of electrical substations.

Indian Hollow Development | K. Hovnanian Ohio Operations, LLC

Authored the Phase I ESA and a soil investigation report for an approximate 88-acre agricultural and residential site in Ohio. Also conducted an asbestos and hazardous materials survey for a residential dwelling and a barn prior to the planning of demolition activities.

Red Rock Solar Project | Apex Clean Energy, Inc.

Conducted the site visit and authored the Phase I ESA for an approximate 764-acre agricultural site in Minnesota prior to the construction of a solar energy farm.

Buckeye Ridge Development | K. Hovnanian Northern Ohio Division, LLC

Authored the Phase I ESA for an approximate 50-acre undeveloped site in Ohio prior to the construction of a residential subdivision.

White Post Wind Project | NextEra Energy Resources, LLC

Authored the Phase I ESA for an approximate 9,751-acre agricultural site in Indiana prior to the construction of a wind energy farm. The site included 136 non-adjoining parcels.

Gratiot Farms Wind Project | Gratiot Farms Wind Project, LLC

Conducted the site visit and authored the Phase I ESA for approximately 500 non-adjoining parcels in Michigan prior to the construction of a wind energy farm.

EPA Assessment Grant Implementation | Genesee County Land Bank Authority

Authored the Quality Assurance Project Plan (QAPP) for the EPA Site Assessment Grant for Hazardous Substances and

Petroleum for Brownfield properties. Authored dozens of Phase I ESAs for abandoned commercial and industrial sites, including auto repair shops, dry-cleaning plants, and food distribution warehouses. Conducted several asbestos and hazardous material surveys of apartment complexes and commercial and industrial properties prior to demolition activities.

Delta Toledo Ohio Environmental Protection Agency (OEPA) Work Plans | Delta Fuels, Inc.

Worked as the environmental intellect during the recoating of the Enbridge pipeline, including documenting construction activities, collecting soil stockpile samples, and maintaining manifest records during the disposal of soils.

Toledo U.S. Environmental Protection Agency (EPA) Investigations | Delta Fuels, Inc.

Collected quarterly groundwater samples from monitoring wells using low-flow purging methods and measured monthly groundwater elevation statics.

Delta Fuels Toledo Compliance | Delta Fuels, Inc.

Monitored the air quality of the vapor recovery unit and recorded data on a monthly basis.

Environmental Consulting Services | Lambda Energy

Collected quarterly groundwater samples from monitoring wells using low-flow purging methods. Oversaw the installation of five biosparge points and performed approximately 20 weekly site visits to maintain the Biosparge system.

Mobil Graham Road Site #526 | Michigan Department of Environmental Quality (MDEQ)

Worked as a field geologist by documenting soil boring logs, collecting soil samples, overseeing the installation of monitoring wells, and conducting land surveying activities during the remedial investigation to delineate the extent of a groundwater plume at a former gasoline station.

Rose Harbor Marina | MDEQ

Worked as a field geologist by documenting soil boring logs, collecting soil samples, overseeing the installation of deep soil gas wells, and collecting water samples from catch basins during the remedial investigation of a mixed-used residential/commercial property in Monroe, Michigan.

City of Davison - Mill Street | MDEQ

Worked as a field geologist by documenting soil boring logs, collecting soil samples, collecting groundwater samples, and performing land surveying activities during the remedial investigation to delineate the extent of a groundwater plume.



>Maura C. Gibbons

Associate Scientist III

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Fairlane Meadows Due Diligence | Time Equities

Worked as the field lead for a yearlong due diligence investigation at a commercial property. Field activities included semi-annual collections of ambient air samples and quarterly collections of vapor samples.

Fordson Island | Downriver Community Conference

Authored the Phase I and II ESAs of the Fordson Island in Dearborn, Michigan, which formerly operated as petroleum bulk terminal facility. Worked as a field geologist by documenting soil boring logs and collecting soil samples.

Sodium & Chloride Source Sampling | Ford Michigan Proving Ground

Worked as the field lead for the second round of sampling activities to determine the source of sodium and chloride in the wastewater stream at Ford Proving Grounds. Field activities included documenting soil boring logs, collecting soil and groundwater samples, downloading continuous conductivity data, and performing monthly calibrations of the conductivity probes. Performed as the entrant and supervisor for two separate confined space entry activities to correct the malfunction of a flow meter.

Trenton Clocktower | Downriver Community Conference

Authored the Phase I and II ESAs of a former gasoline filling station property. Worked as the field geologist by documenting soil boring logs and collected soil samples. Assisted in the oversight of the construction of test pits to identify the presence of underground storage tanks.

Urban Farm Expansion | Michigan Urban Farming Initiative

Conducted site activities and authored the Phase I and II ESAs for a former gasoline filling station property with the proposed use as an urban vegetable farm.

Cherry Hill Road Due Diligence | Carr's Outdoor Services, Inc.

Authored the Phase I and II ESAs of multiple parcels in Westland, Michigan. Performed Phase II investigation activities as a field geologist, documenting and collecting soil samples. Authored the BEA and due care compliance documentation report.

Wayne County Airport Authority Demolition and Environmental | Alfred Benesch & Company

Worked as a field geologist, documenting and collecting soil samples during two underground storage tank removals. Performed dust monitoring and air sampling during the demolition of a three-story building.

Packard-Admin Building Revolving Loan Fund | Arte Express Detroit, LLC

Authored weekly status reports of the progress of asbestos abatement activities at the Packard Plant Administrative Building in Detroit, Michigan for 15 weeks.

Court Street Phase I | Hill Street Company

Authored the Phase I and II ESA for multiple undeveloped parcels in Lapeer, Michigan. Worked as a field geologist, documenting and collecting soil during a Phase II investigation.

Clinton Valley Mall & Strip | Time Equities

Authored Phase I ESAs and a Phase II ESA for a retail strip mall. Worked as a field geologist by collecting vapor, soil, and groundwater samples during a Phase II investigation.

800 Lowell Street | UCC Professional Services, LLC

Worked as a field geologist by collecting vapor, soil, and groundwater samples at a site in Ypsilanti, Michigan. Site included two former industrial manufacturing structures and an abandoned railroad right of way.

McLouth Steel Phyto Pilot Project | City of Trenton

Documented the planting of trees for the purpose of phytoremediation activities for the U.S. Forest Service Grant at McLouth Steel in Trenton, Michigan. Oversaw the installation of five monitoring wells and sampled groundwater using low-flow purging methods.

U.S. Ecology | Detroit Service Center

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.

Midwest Analytical Services, Inc.

Performed groundwater sampling from permanent and temporary monitoring wells and advanced soil borings using a Geoprobe drilling rig. 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.



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, Michigan

Directed and managed the environmental assessment and hazardous materials management processes associated with the abatement and demolition of select buildings at Detroit Metropolitan Airport. 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.

EDUCATION

J.D., Law, Detroit College of Law B.S., Geological Sciences, Michigan State University

REGISTRATIONS/CERTIFICATIONS

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

AREAS OF EXPERTISE

No. 189-2

Geology, Hydrogeology, Soils Contamination Assessments

Groundwater Monitoring & Contaminant Assessments

Environmental Site Assessments
Property Acquisition/Transfer
Environmental Management and Risk
Management

Underground Storage Tank Closure & Remediation Investigations

Brownfield Redevelopment &

Project Management



Principal Scientist

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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 indepth 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



Principal Scientist

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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



Principal Scientist

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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 wastewater 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.

