August 1, 2022
ECT No. 220365-0100

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

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

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

Dear Ms. Michaluk and Mr. Moore:

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

Sincerely,

Environmental Consulting & Technology, Inc.

Maura Gibbons
Scientist

Dirk Mammen
Associate Vice President

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

1155 Brewery Park Boulevard
Detroit, Michigan 48207
313.963.6600

PROJECT SUMMARY TABLE

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

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

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Common Acronyms and Abbreviations

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

1.0 Executive Summary

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

1.1 Property Description

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

1.2 Evaluation

1.2.1 Findings and Opinions

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

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

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.**

2.0 Purpose and Scope of Work

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

2.1 Scope of Work

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

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

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

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

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 Limitations and Exceptions

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

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

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

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

2.5 Limiting Conditions and Deviations

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

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

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

2.6 Special Terms and Conditions

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

2.7 User Reliance

This Phase I ESA was conducted for the use of and reliance by EGLE and 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

3.1 Subject Property Characteristics

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

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

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

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

3.2 Vicinity Characteristics

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

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

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

3.3 Physical Setting

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

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

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

4.0 User Provided Information

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

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

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.

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

5.2 Subject Property Historical Summary

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

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

The 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.	Aerial photographs Fire insurance maps
1974-Current	Building additions are visible at the south adjoining structure on the aerial photographs dated 1978 and 1987. Based on the city directories, site reconnaissance, and information from the owner, this structure has been occupied by the local municipality as early as 1974, including the Department of Public Works.	Aerial photographs City directories Site reconnaissance Owner interview

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

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

5.4 Prior Environmental Reports

ECT was provided with the following prior environmental 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**).

6.0 Regulatory Database Review

6.1 Database Finding Summary

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

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

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

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

Regulatory Report Summary

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

6.2 Subject Property Listings

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

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

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

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

6.3 Surrounding Properties

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

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

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

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

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

7.1 State Environmental Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

7.2 Oil and Gas Pipelines/Wells

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

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

10.1 Subject Property Reconnaissance Summary

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

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

10.2 Underground Storage Tanks

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

10.3 Unidentified Substance Containers

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

10.4 Drains, Sumps, Clarifiers, or Pools of Liquid

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

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

REFERENCED ITEM OR AGENCY	PUBLICATION OR INQUIRY DATE(S)	SOURCE
Aerial Photographs	May 4, 2022	EDR
	March 14, 2019	Google Earth™
Assessor Information	July 11, 2022	BS&A Imlay City
City Directories	May 6, 2022	EDR
Depth to Groundwater Information	2002	USGS NWIS
Fire Department(s)	May 31, 2022	Imlay City Fire Department
Fire Insurance Maps	May 4, 2022	EDR
Geology Information	May 4, 2022	EDR
	May 27, 2022	EGLE GeoWebFace
	May 27, 2022	MSU Physiographic Region Map
Health Department(s)	May 27, 2022	Lapeer County Heath Department
Oil and Gas Authority	May 2022	EGLE Oil, Gas, and Minerals Division
Owner Interview	June 17, 2022	Ms. Lorrelei Natke
Pipeline Information	May 2022	NPMS
Regulatory Database Report	May 4, 2022	EDR
Soils Information	May 4, 2022	EDR
Standard Practice	2013 and 2021	ASTM Standards E1527-13 and E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*
State Environmental Agency	May 2022	EGLE
Topographic Maps	2019	USGS (*Imlay City*, *Michigan*)
	May 3, 2022	EDR

Appendix A

Figures

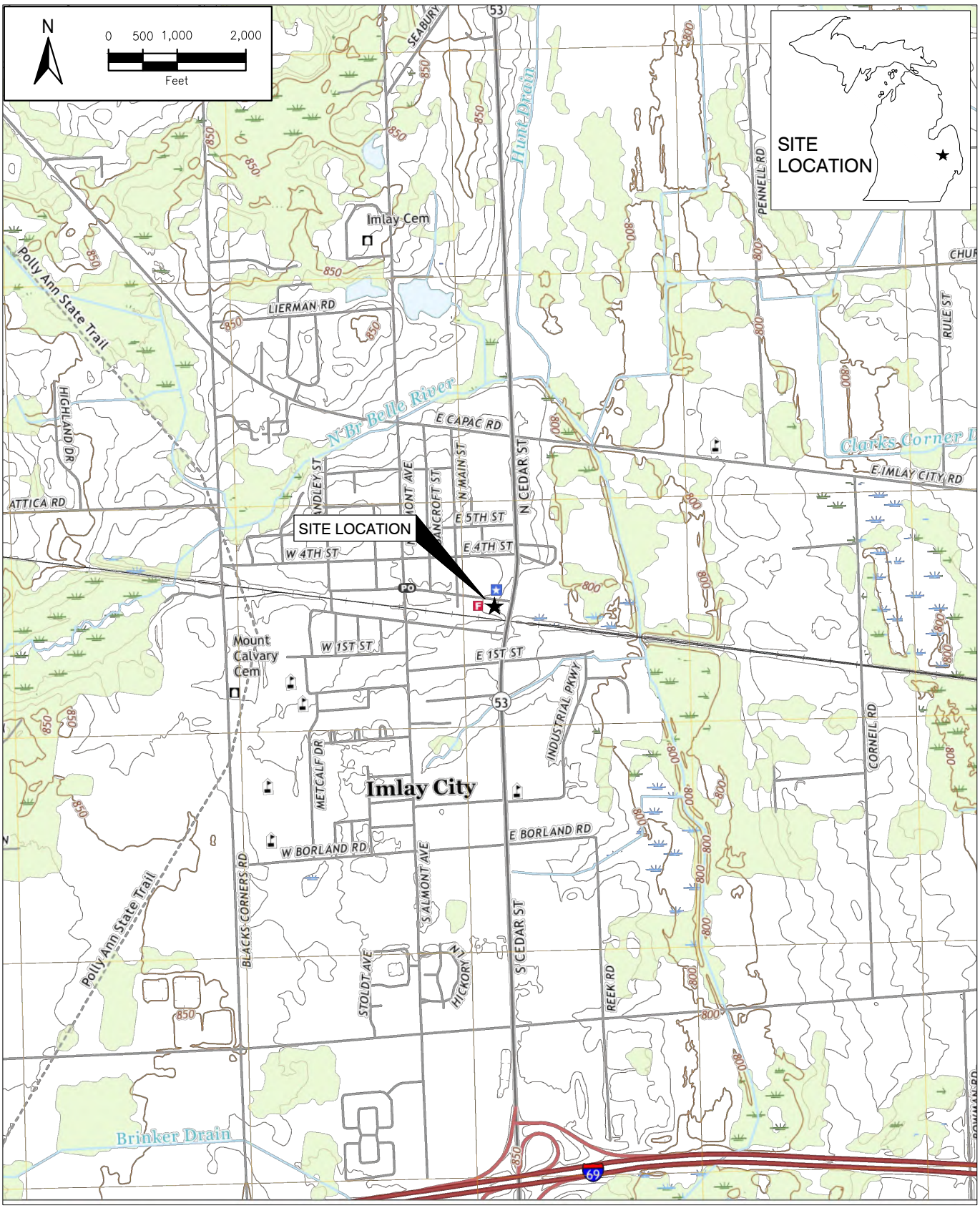


FIGURE 1.
USGS TOPOGRAPHIC MAP
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

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

ECT

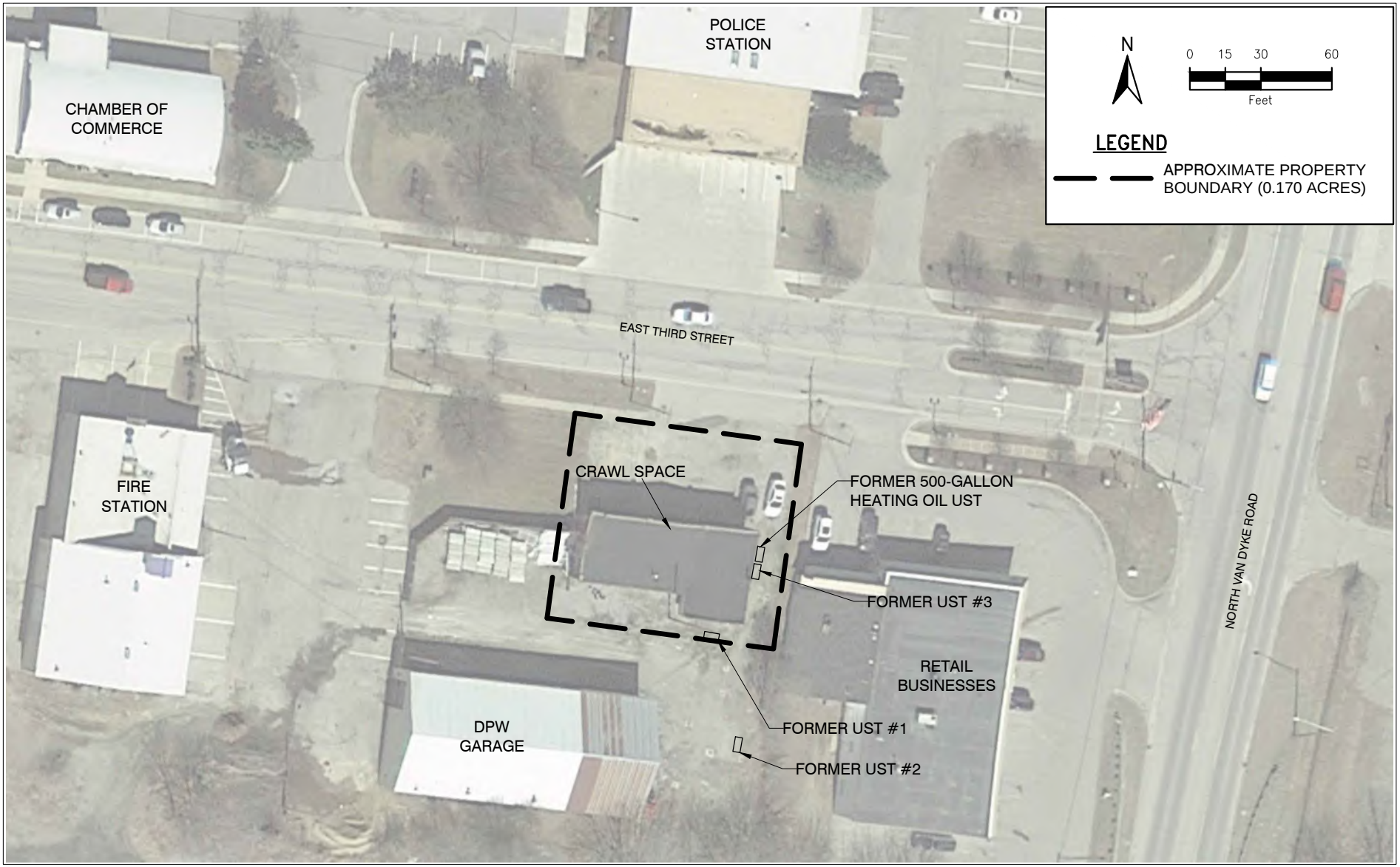
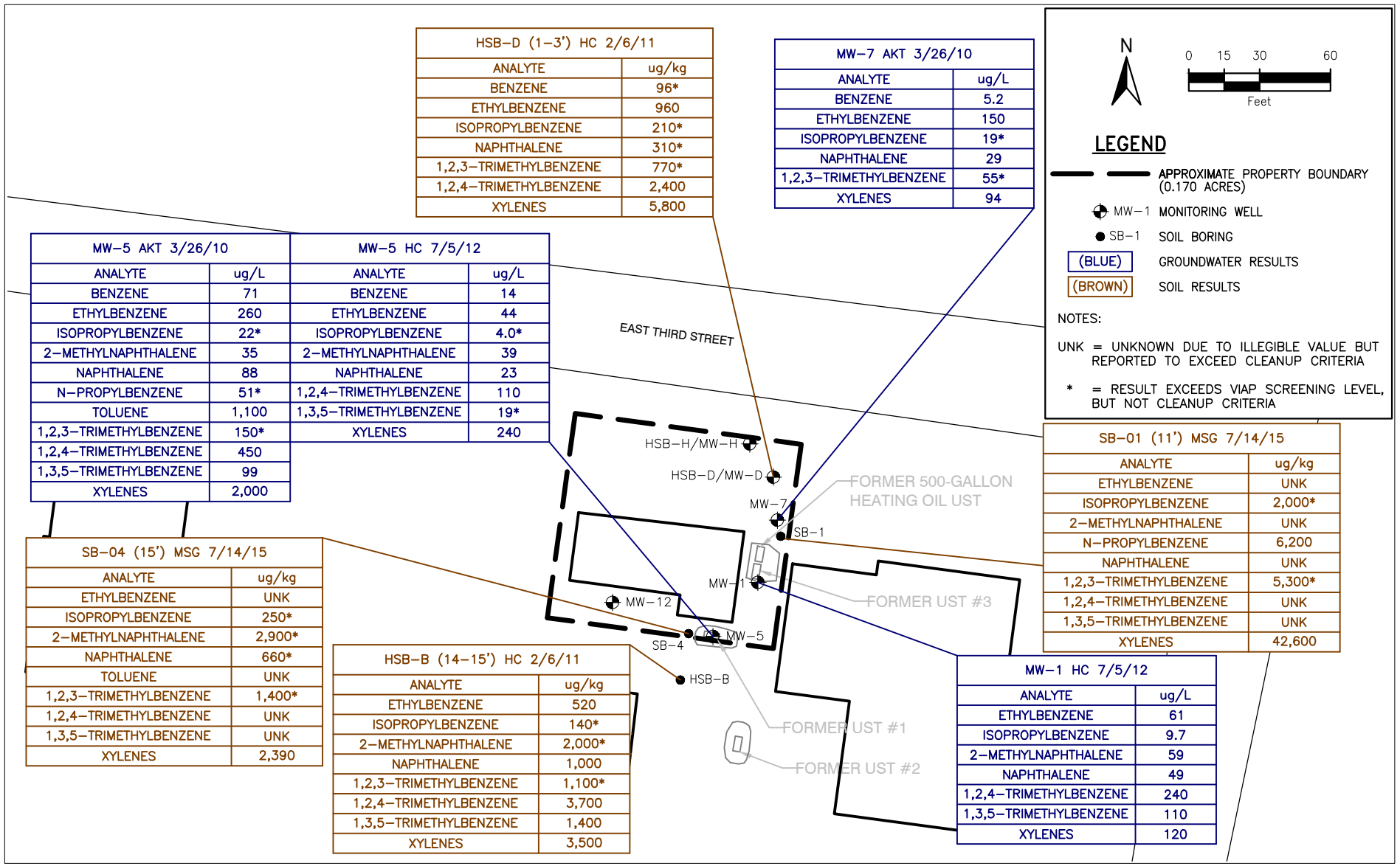


FIGURE 2.
SUBJECT PROPERTY OVERVIEW
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

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

ECT



HSB-D (1-3') HC 2/6/11	
ANALYTE	ug/kg
BENZENE	96*
ETHYLBENZENE	960
ISOPROPYLBENZENE	210*
NAPHTHALENE	310*
1,2,3-TRIMETHYLBENZENE	770*
1,2,4-TRIMETHYLBENZENE	2,400
XYLENES	5,800

MW-7 AKT 3/26/10	
ANALYTE	ug/L
BENZENE	5.2
ETHYLBENZENE	150
ISOPROPYLBENZENE	19*
NAPHTHALENE	29
1,2,3-TRIMETHYLBENZENE	55*
XYLENES	94

MW-5 AKT 3/26/10	
ANALYTE	ug/L
BENZENE	71
ETHYLBENZENE	260
ISOPROPYLBENZENE	22*
2-METHYLNAPHTHALENE	35
NAPHTHALENE	88
N-PROPYLBENZENE	51*
TOLUENE	1,100
1,2,3-TRIMETHYLBENZENE	150*
1,2,4-TRIMETHYLBENZENE	450
1,3,5-TRIMETHYLBENZENE	99
XYLENES	2,000

MW-5 HC 7/5/12	
ANALYTE	ug/L
BENZENE	14
ETHYLBENZENE	44
ISOPROPYLBENZENE	4.0*
2-METHYLNAPHTHALENE	39
NAPHTHALENE	23
1,2,4-TRIMETHYLBENZENE	110
1,3,5-TRIMETHYLBENZENE	19*
XYLENES	240

SB-01 (11') MSG 7/14/15	
ANALYTE	ug/kg
ETHYLBENZENE	UNK
ISOPROPYLBENZENE	2,000*
2-METHYLNAPHTHALENE	UNK
N-PROPYLBENZENE	6,200
NAPHTHALENE	UNK
1,2,3-TRIMETHYLBENZENE	5,300*
1,2,4-TRIMETHYLBENZENE	UNK
1,3,5-TRIMETHYLBENZENE	UNK
XYLENES	42,600

SB-04 (15') MSG 7/14/15	
ANALYTE	ug/kg
ETHYLBENZENE	UNK
ISOPROPYLBENZENE	250*
2-METHYLNAPHTHALENE	2,900*
NAPHTHALENE	660*
TOLUENE	UNK
1,2,3-TRIMETHYLBENZENE	1,400*
1,2,4-TRIMETHYLBENZENE	UNK
1,3,5-TRIMETHYLBENZENE	UNK
XYLENES	2,390

HSB-B (14-15') HC 2/6/11	
ANALYTE	ug/kg
ETHYLBENZENE	520
ISOPROPYLBENZENE	140*
2-METHYLNAPHTHALENE	2,000*
NAPHTHALENE	1,000
1,2,3-TRIMETHYLBENZENE	1,100*
1,2,4-TRIMETHYLBENZENE	3,700
1,3,5-TRIMETHYLBENZENE	1,400
XYLENES	3,500

MW-1 HC 7/5/12	
ANALYTE	ug/L
ETHYLBENZENE	61
ISOPROPYLBENZENE	9.7
2-METHYLNAPHTHALENE	59
NAPHTHALENE	49
1,2,4-TRIMETHYLBENZENE	240
1,3,5-TRIMETHYLBENZENE	110
XYLENES	120

FIGURE 3.
FINDINGS MAP
400 AND 410 EAST THIRD STREET
IMLAY CITY, MICHIGAN 48444

Source: AKT Peerless, 2010; Huron Consultants, 2013; Mannik and Smith Group, 2015; Google, 2022 (imagery date: 3/24/19), ECT, 2022.

Appendix B

Data Tables

Table 1. Soil Analytical Summary (2011-2015)

400 and 410 East Third Street, Imlay City, MI

Matrix: Soil

Cleanup Criteria: Residential/Nonresidential

	Chemical Abstract Service Numbers	Part 201 Cleanup Criteria (June 2018)										VIAP (2020)		Sample Locations (and Depths)				
		Residential					Nonresidential					Residential	Nonres					
		Drinking Water Protection Criteria	GSI Protection Criteria	Soil Volatilization to Indoor Air Inhalation	Infinite Source Volatile Soil Inhalation	Direct Contact Criteria	Drinking Water Protection	GSI Protection Criteria	Soil Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Direct Contact Criteria	Screening Levels	Screening Levels	HSB-B (14-15') HC 2/6/11	HSB-D (1-3') HC 2/16/11	HSB-H (5-6') HC 10/25/11	SB-01 (11') MSG 7/14/15	SB-04 (15') MSG 7/14/15
VOC, ug/kg - Method 8260M, 8260																		
Benzene	71432	100	240	1,600	13,000	180,000	100	240	8,400	45,000	840,000	**1.7**	**47**	nd	**96**	nd	nd	nd
Ethylbenzene	100414	1,500	**360**	87,000	720,000	22,000,000	1,500	**360**	460,000	2,400,000	71,000,000	**12**	**340**	**520**	**960**	nd	**UNK**	**UNK**
Isopropylbenzene	98828	91,000	3,200	400,000	1,700,000	25,000,000	260,000	3,200	730,000	2,000,000	80,000,000	**3.8**	**110**	**140**	**210**	nd	**2,000**	**250**
2-Methylnaphthalene	91576	57,000	4,200	2,700,000	1,500,000	8,100,000	170,000	4,200	4,900,000	1,800,000	26,000,000	**1,700**	30,000	**2,000**	nd	nd	**UNK**	**2,900**
n-Propylbenzene	103651	**1,600**	ID	ID	ID	2,500,000	**4,600**	ID	ID	ID	8,000,000	**1,800**	21,000	530	470	nd	**6,200**	1,100
Naphthalene	91203	35,000	**730**	250,000	300,000	16,000,000	100,000	**730**	470,000	350,000	52,000,000	**67**	1,900	**1,000**	**310**	nd	**UNK**	**660**
Toluene	108883	16,000	5,400	330,000	2,800,000	50,000,000	16,000	5,400	610,000	3,300,000	160,000,000	3,700	64,000	200	970	nd	1,100	**UNK**
1,2,3-Trimethylbenzene	526738	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**270**	**4,800**	**1,100**	**770**	nd	**5,300**	**1,400**
1,2,4-Trimethylbenzene	95636	**2,100**	**570**	4,300,000	21,000,000	32,000,000	**2,100**	**570**	8,000,000	25,000,000	100,000,000	**150**	2,600	**3,700**	**2,400**	nd	**UNK**	**UNK**
1,3,5-Trimethylbenzene	108678	1,800	**1,100**	2,600,000	16,000,000	32,000,000	1,800	**1,100**	4,800,000	19,000,000	100,000,000	**100**	1,800	**1,400**	820	nd	**UNK**	**UNK**
Xylenes	1330207	**5,600**	**980**	6,300,000	46,000,000	410,000,000	**5,600**	**980**	12,000,000	54,000,000	1,000,000,000	**280**	**5,000**	**3,500**	**5,800**	nd	**42,600**	**2,390**
PAH, ug/kg - Method 8270																		
Acenaphthene	83329	300,000	8,700	190,000,000	81,000,000	41,000,000	880,000	8,700	350,000,000	97,000,000	130,000,000	200,000	3,600,000	nd	nd	nd	nd	nd
Acenaphthylene	208968	5,900	ID	1,600,000	2,200,000	1,600,000	17,000	ID	3,000,000	2,700,000	5,200,000	NA	NA	nd	nd	nd	nd	nd
Anthracene	120127	41,000	ID	1,000,000,000	1,400,000,000	230,000,000	41,000	ID	1,000,000,000	1,600,000,000	730,000,000	13,000,000	220,000,000	nd	nd	nd	nd	nd
Benzo(a)anthracene	56553	NLL	NLL	NLV	NLV	20,000	NLL	NLL	NLV	NLV	80,000	160,000	11,000,000	nd	nd	nd	nd	nd
Benzo(b)fluoranthene	205992	NLL	NLL	ID	ID	20,000	NLL	NLL	ID	ID	80,000	NA	NA	nd	nd	nd	nd	nd
Benzo(k)fluoranthene	207089	NLL	NLL	NLV	NLV	200,000	NLL	NLL	NLV	NLV	800,000	NA	NA	nd	nd	nd	nd	nd
Benzo(a)pyrene	50328	NLL	NLL	NLV	NLV	2,000	NLL	NLL	NLV	NLV	8,000	NA	NA	nd	nd	nd	nd	nd
Benzo(g,h,i)perylene	191242	NLL	NLL	NLV	NLV	2,500,000	NLL	NLL	NLV	NLV	7,000,000	NA	NA	nd	nd	nd	nd	nd
Chrysene	218019	NLL	NLL	ID	ID	2,000,000	NLL	NLL	ID	ID	8,000,000	NA	NA	nd	nd	nd	nd	nd
Dibenzo(a,h)anthracene	53703	NLL	NLL	NLV	NLV	2,000	NLL	NLL	NLV	NLV	8,000	NA	NA	nd	nd	nd	nd	nd
Fluoranthene	206440	730,000	5,500	1,000,000,000	740,000,000	46,000,000	730,000	5,500	1,000,000,000	890,000,000	130,000,000	NA	NA	nd	nd	nd	nd	nd
Fluorene	86737	390,000	5,300	580,000,000	130,000,000	27,000,000	890,000	5,300	1,000,000,000	150,000,000	87,000,000	470,000	8,300,000	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)pyrene	193395	NLL	NLL	NLV	NLV	20,000	NLL	NLL	NLV	NLV	80,000	NA	NA	nd	nd	nd	nd	nd
2-Methylnaphthalene	91576	57,000	4,200	2,700,000	1,500,000	8,100,000	170,000	4,200	4,900,000	1,800,000	26,000,000	1,700	30,000	nd	nd	nd	nd	nd
Naphthalene	91203	35,000	730	250,000	300,000	16,000,000	100,000	730	470,000	350,000	52,000,000	67	1,900	nd	nd	nd	nd	nd
Phenanthrene	85018	56,000	2,100	2,800,000	160,000	1,600,000	160,000	2,100	5,100,000	190,000	5,200,000	1,700	29,000	nd	nd	nd	nd	nd
Pyrene	129000	480,000	ID	1,000,000,000	650,000,000	29,000,000	480,000	ID	1,000,000,000	780,000,000	84,000,000	25,000,000	440,000,000	nd	nd	nd	nd	nd

Abbreviations: ID = insufficient data to develop criterion
NA = not available
nd = not detected
NLL = not likely to leach under most soil conditions
NLV = not likely to volatilize under most conditions
UNK = unknown due to illegible value but reported to exceed cleanup criteria

Notes: bolded results indicates the result exceeds VIAP screening level, but not cleanup criteria
shaded result indicates the result exceeds cleanup criteria
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 (2010-2012)

400 and 410 East Third Street, Imlay City, MI

Matrix: Groundwater

Cleanup Criteria: Residential/Nonresidential

	Chemical Abstract Service Numbers	Part 201 Criteria (August 2020)					VIAP (2020)				Sample Locations						
		Residential	Nonresidential	Res/Nonres	Residential	Nonresidential	Residential		Nonresidential								
		Drinking Water Criteria	Drinking Water Criteria	GSI Criteria	Groundwater Volatization to Indoor Air	Groundwater Volatization to Indoor Air	Shallow Groundwater	Groundwater Not in Contact	Shallow Groundwater	Groundwater Not in Contact	MW-5 AKT 3/26/10	MW-7 AKT 3/26/10	MW-1 HC 7/5/12	MW-5 HC 7/5/12	MW-12 HC 7/6/12	MW-D HC 7/5/12	MW-H HC 7/5/12
VOC, ug/l - Method 8260																	
Benzene	71432	**5.0**	**5.0**	**12**	5,600	35,000	**1.0**	**28**	**8.4**	**66**	**71**	**5.2**	nd	**14**	nd	nd	nd
2-Butanone (MEK)	78933	13,000	38,000	2,200	240,000,000	240,000,000	2,600	4,300,000	12,000	4,300,000	55	nd	nd	nd	nd	nd	nd
n-Butylbenzene	104518	80	230	ID	ID	ID	44	1,100	360	1,600	11	3.7	5.7	3.9	nd	2.6	nd
sec-Butylbenzene	135988	80	230	ID	ID	ID	270	8,100	400	12,000	5.4	2.7	3.7	3.5	nd	nd	nd
Ethylbenzene	100414	**74**	**74**	**18**	110,000	170,000	**2.8**	**74**	**28**	**170**	**260**	**150**	**61**	**44**	nd	1.1	2.1
Isopropylbenzene	98828	800	2,300	28	56,000	56,000	**0.6**	**15**	**6.7**	36	**22**	**19**	**9.7**	**4.0**	nd	nd	nd
2-Methylnaphthalene	91576	260	750	**19**	25,000	25,000	66	2,000	110	2,900	**35**	nd	**59**	**39**	nd	11	nd
Naphthalene	91203	520	1,500	**11**	31,000	31,000	**4.2**	130	**12**	300	**88**	**29**	**49**	**23**	nd	nd	nd
n-Propylbenzene	103651	80	230	ID	ID	ID	**43**	6,100	970	6,100	**51**	26	20	12	nd	nd	nd
Toluene	108883	**790**	**790**	**270**	530,000	530,000	**300**	41,000	6,600	59,000	**1,100**	1.2	19	140	nd	4.5	2.7
1,2,3-Trimethylbenzene	526738	NA	NA	NA	NA	NA	**43**	1,200	150	1,800	**150**	**55**	36	26	nd	4.6	2.9
1,2,4-Trimethylbenzene	95636	**63**	**63**	**17**	56,000	56,000	**25**	670	**120**	990	**450**	5.7	**240**	**110**	nd	14	12
1,3,5-Trimethylbenzene	108678	**72**	**72**	**45**	61,000	61,000	**18**	470	110	690	**99**	4.9	**110**	**19**	nd	4.6	2.3
Xylenes	1330207	**280**	**280**	**49**	190,000	190,000	**75**	2,000	**410**	3,000	**2,000**	**94**	**120**	**240**	nd	8.2	13

Abbreviations: ID = insufficient data to develop criterion
NA = not available
nd = not detected
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

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

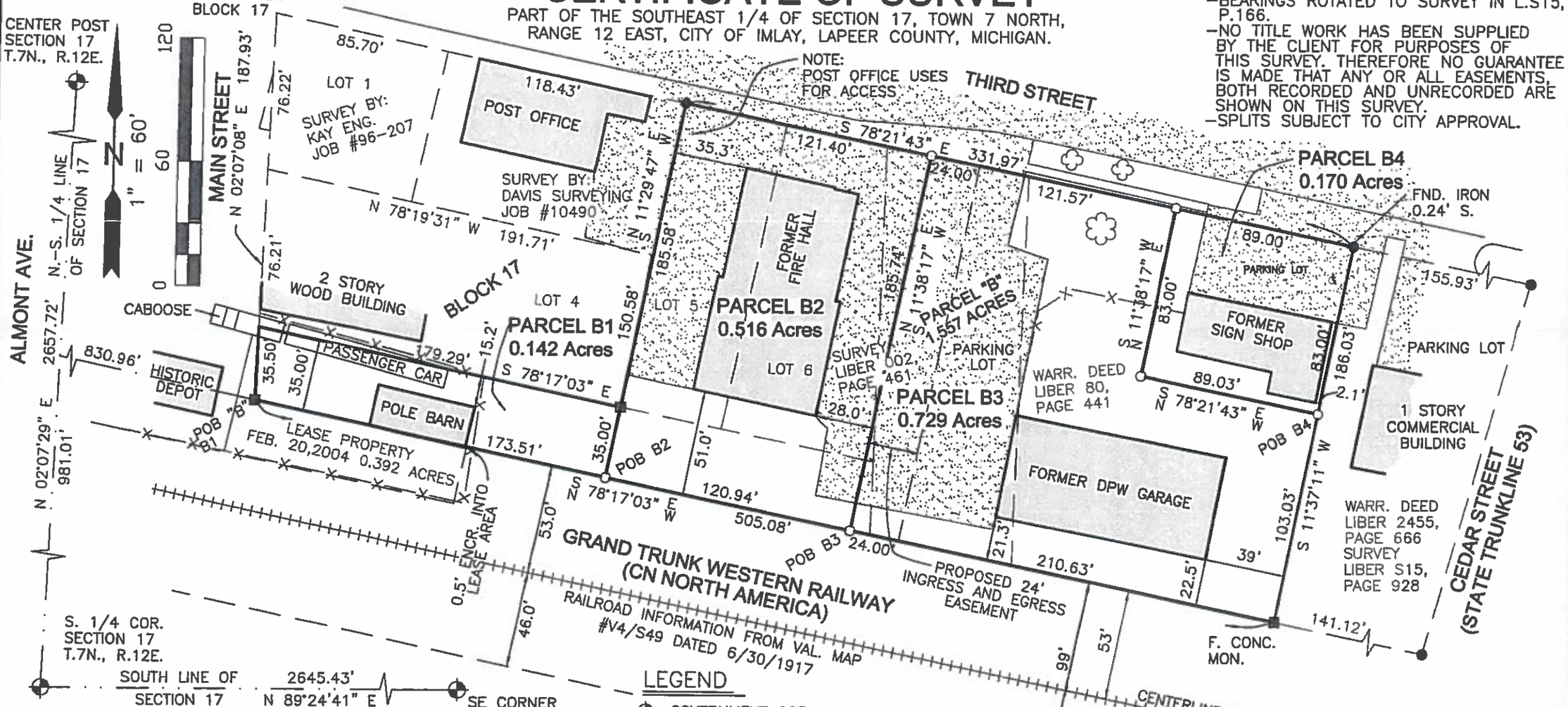
Appendix C

Property Records

CERTIFICATE OF SURVEY

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

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



LEGEND

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

R.A. DUTHLER
LAND SURVEYOR LLC
PH. (810) 724-6532
LANDSURVEYOR@47200.ORG
158 EAST THIRD STREET
IMLAY CITY, MI. 48444

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

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

RICHARD A. DUTHLER
PROFESSIONAL LAND SURVEYOR
No. 47200

SURVEYOR'S CERTIFICATE

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

DUTHLERLANDSURVEYOR.COM

CERTIFICATE OF SURVEY

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, S.78°17'03"E., 179.29 feet to the Southwest Corner of Lot 5 of said Block 17; thence along the West line of said Lot 5 (if extended) S.11°29'47"W., 35.00 feet to a point on the North line of said Grand Trunk Western Railroad (99 feet Wide) said point is 53 feet in perpendicular width from the centerline of the main tracks of said railroad; thence along said North line, N.78°17'03"W., 173.51 feet to the Point of Beginning and containing 0.142 acres.

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

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

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

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

R.A. DUTHLER
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158 EAST THIRD STREET
IMLAY CITY, MI. 48444

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

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

RICHARD A. DUTHLER
PROFESSIONAL LAND SURVEYOR
No. 47200

DUTHLERLANDSURVEYOR.COM

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

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

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

RICHARD A. DUTHLER
PROFESSIONAL LAND SURVEYOR
No. 47200

DUTHLERLANDSURVEYOR.COM

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

Parcel Number: I19-59-100-000-00



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

Property Owner: CITY OF IMLAY CITY (D)

Summary Information

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

> Property Tax information found

Owner and Taxpayer Information

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

General Information for Tax Year 2022

Property Class	201 COMMERCIAL-IMPROVED	**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**	08/17/2021
USER ALPHA 3	*Not Available*	**Notes**	*Not Available*
Historical District	*Not Available*	**Census Block Group**	*Not Available*
USER#1INDX	*Not Available*	**Exemption**	*No Data to Display*

Principal Residence Exemption Information

Homestead Date *No Data to Display*

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

Previous Year Information

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

Land Information

Zoning Code	B-2 CEN	**Total Acres**	0.000
Land Value	$0	**Land Improvements**	$0
Renaissance Zone	No	**Renaissance Zone Expiration Date**	*No Data to Display*
ECF Neighborhood	00510.COMMERCIAL NEAR DOWNTOWN	**Mortgage Code**	*No Data to Display*
Lot Dimensions/Comments	*No Data to Display*	**Neighborhood Enterprise Zone**	No

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

Legal Description

CITY OF IMLAY CITY PALMER'S ORIGINAL PLAT LOTS 5 BLOCK 17 AND COM AT NW COR. OF LOT 6 TH E'LY 120 FT TH S TO GTRR TH W'LY TO W LINE OF LOT 6, N TO BEG

Land Division Act Information

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

Sale History

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

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Appendix D

User Provided Information

ECT
> ectinc.com

Please Return Completed Form to: mgibbons@ectinc.com

USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "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: 400 & 410 East Third Street

City, State, Zip: Imlay City, MI 48444

1. ENVIRONMENTAL LIENS

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

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

2. ACTIVITY AND USE LIMITATIONS (AULs)

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

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

3. SPECIALIZED KNOWLEDGE OR EXPERIENCE

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

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

_____

_____

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

ECT
> ectinc.com

Please Return Completed Form to: mgibbons@ectinc.com

4. PURCHASE PRICE & FAIR MARKET VALUE

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

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

_____

LEASE? ☐

5. COMMONLY KNOWN INFORMATION

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

☐ **NO** ☑ **YES** **If yes, explain.** 20 plus Monitoring Wells

_____

_____

6. DEGREE OF OBVIOUSNESS

Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☐ **NO** ☑ **YES** **If yes, explain.** See #5

_____

_____

Completed By: Samuel Moore **Title:** _____

Signature: _____ **USER ENTITY:** _____

Date: 7-29-2022 **Reason for Phase I:** _____

Other Reliance Entities: _____

Appendix E

Historical Sources

Former City DPW

400 East Third Street

Imlay City, MI 48444

Inquiry Number: 6965316.8

May 04, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

05/04/22

Site Name:

Former City DPW
400 East Third Street
Imlay City, MI 48444
EDR Inquiry # 6965316.8

Client Name:

ECT
3399 Veterans Drive
Traverse City, MI 49684
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
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: March 28, 1999	USGS/DOQQ
1987	1"=500'	Flight Date: June 17, 1987	USDA
1983	1"=500'	Flight Date: May 10, 1983	USDA
1978	1"=500'	Flight Date: November 08, 1978	USGS
1964	1"=500'	Flight Date: July 27, 1964	USDA
1957	1"=500'	Flight Date: June 21, 1957	USDA
1941	1"=500'	Flight Date: September 17, 1941	USGS
1938	1"=500'	Flight Date: July 15, 1938	USGS

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INQUIRY #: 6965316.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 1999
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 1987
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 1983
= 500'
N
EDR



INQUIRY #: 6965316.8

YEAR: 1978

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.


INQUIRY #: 6965316.8
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 6965316.8
YEAR: 1957
= 500'
N
EDR



INQUIRY #: 6965316.8

YEAR: 1941

= 500'

N

EDR



INQUIRY #: 6965316.8

YEAR: 1938

= 500'

N

EDR

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

Inquiry Number: 6965316.4
May 03, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

05/03/22

Site Name:

Former City DPW
400 East Third Street
Imlay City, MI 48444
EDR Inquiry # 6965316.4

Client Name:

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:

P.O.# NA
Project: 220365

Coordinates:

Latitude:	43.02365 43° 1' 25" North
Longitude:	-83.072668 -83° 4' 22" West
UTM Zone:	Zone 17 North
UTM X Meters:	331122.45
UTM Y Meters:	4765525.70
Elevation:	817.07' above sea level

Maps Provided:

2019
2017
2016
2014
1963, 1968

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Topo Sheet Key

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

2019 Source Sheets



Imlay City
2019
7.5-minute, 24000



Almont
2019
7.5-minute, 24000

2017 Source Sheets



Imlay City
2017
7.5-minute, 24000



Almont
2017
7.5-minute, 24000

2016 Source Sheets



Imlay City
2016
7.5-minute, 24000

2014 Source Sheets



Imlay City
2014
7.5-minute, 24000



Almont
2014
7.5-minute, 24000

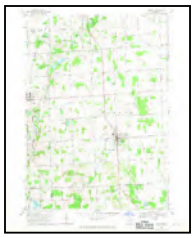
Topo Sheet Key

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

1963, 1968 Source Sheets



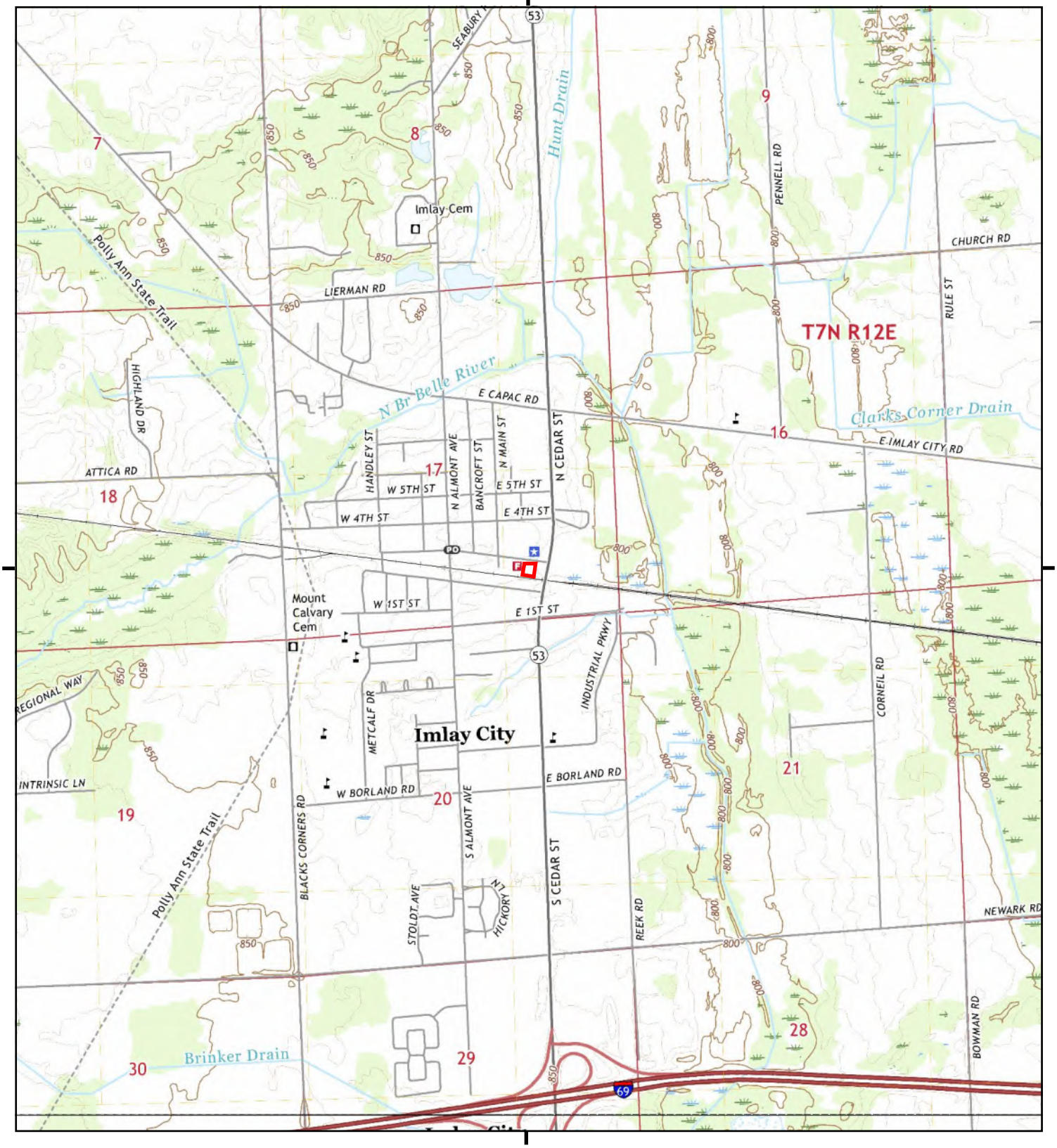
Imlay City
1963
7.5-minute, 24000
Aerial Photo Revised 1959



Almont
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Historical Topo Map

2019



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

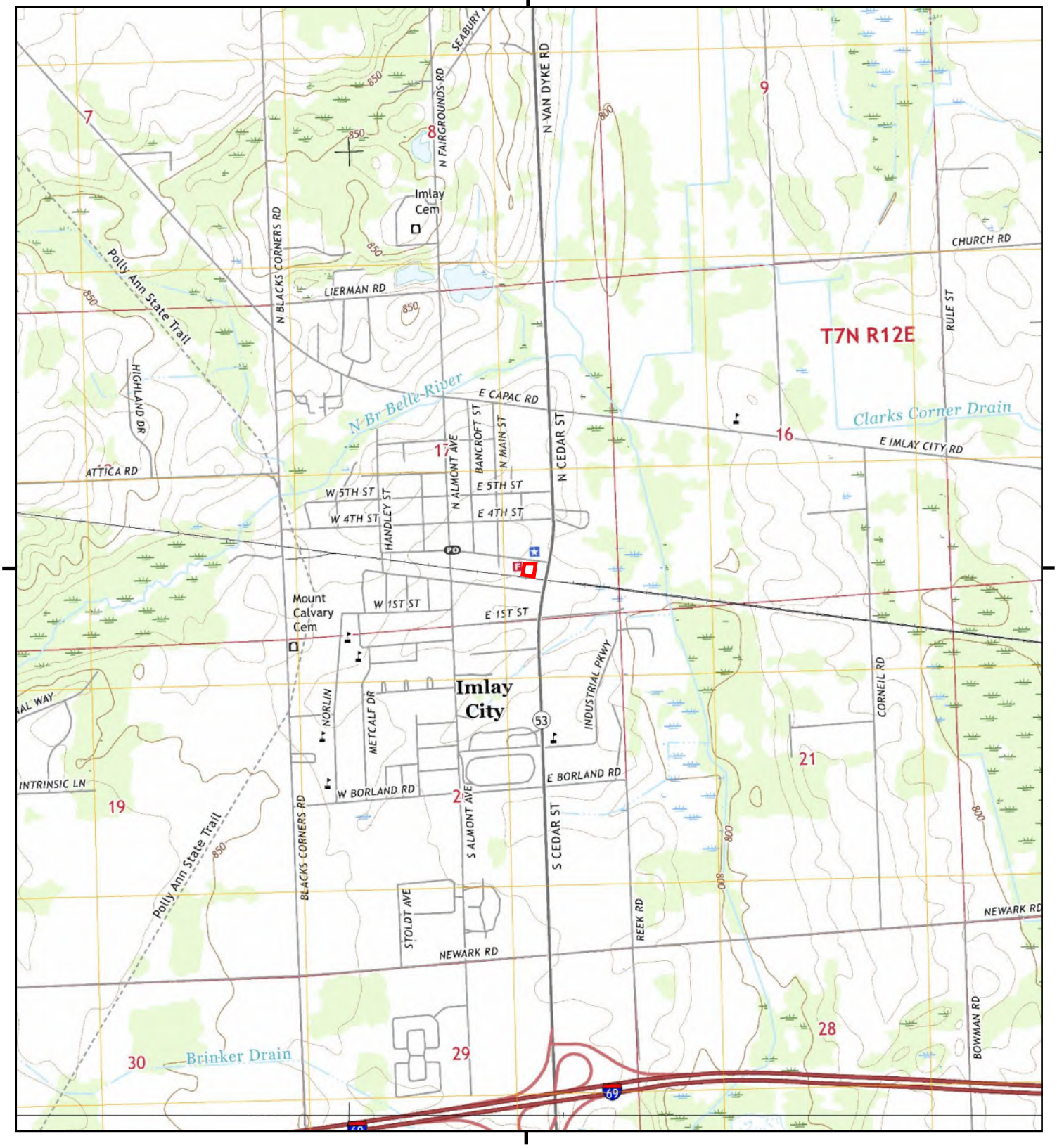
TP, Imlay City, 2019, 7.5-minute
S, Almont, 2019, 7.5-minute

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

N

Historical Topo Map

2017



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

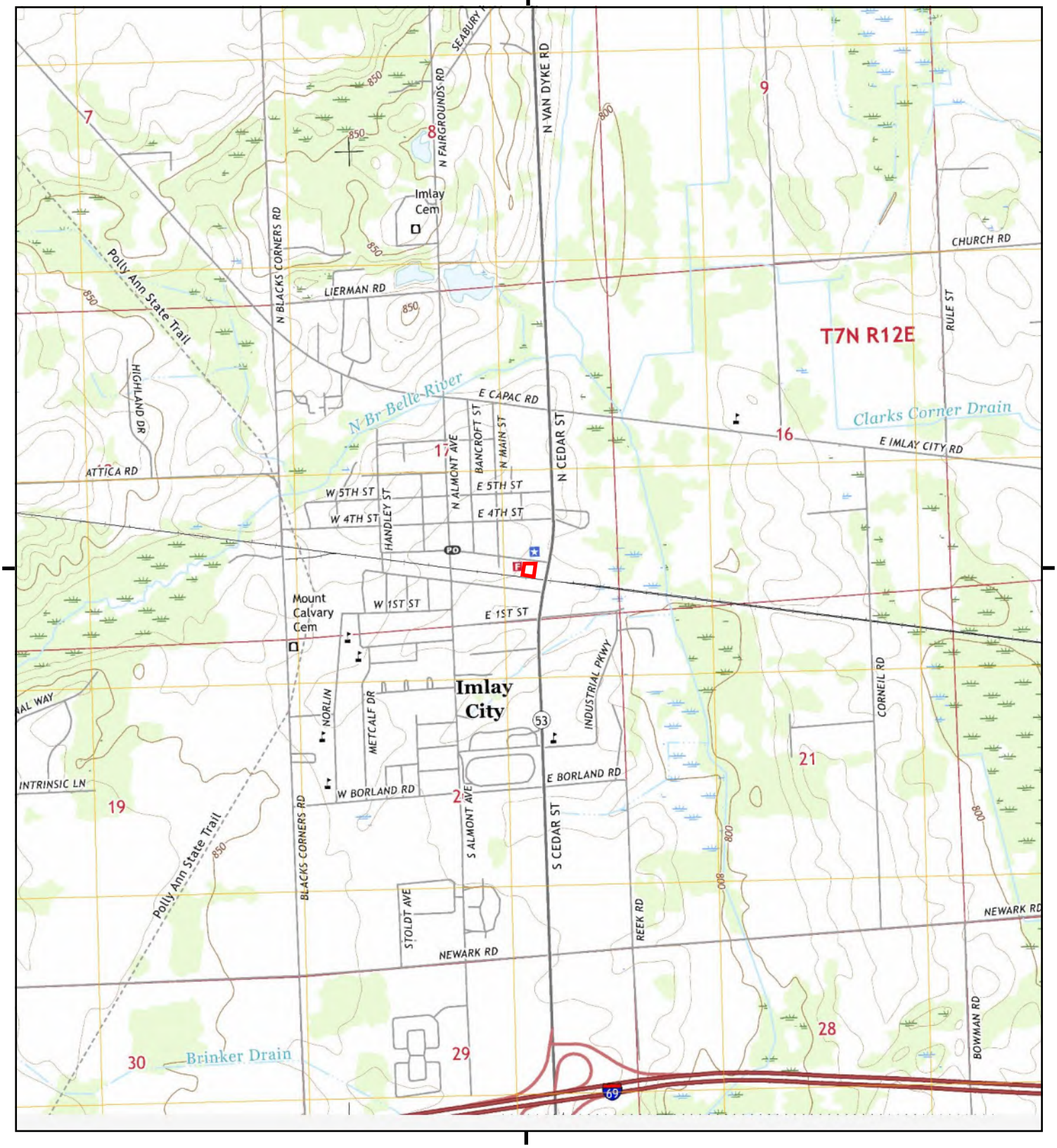
TP, Imlay City, 2017, 7.5-minute
S, Almont, 2017, 7.5-minute

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

N

Historical Topo Map

2016



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

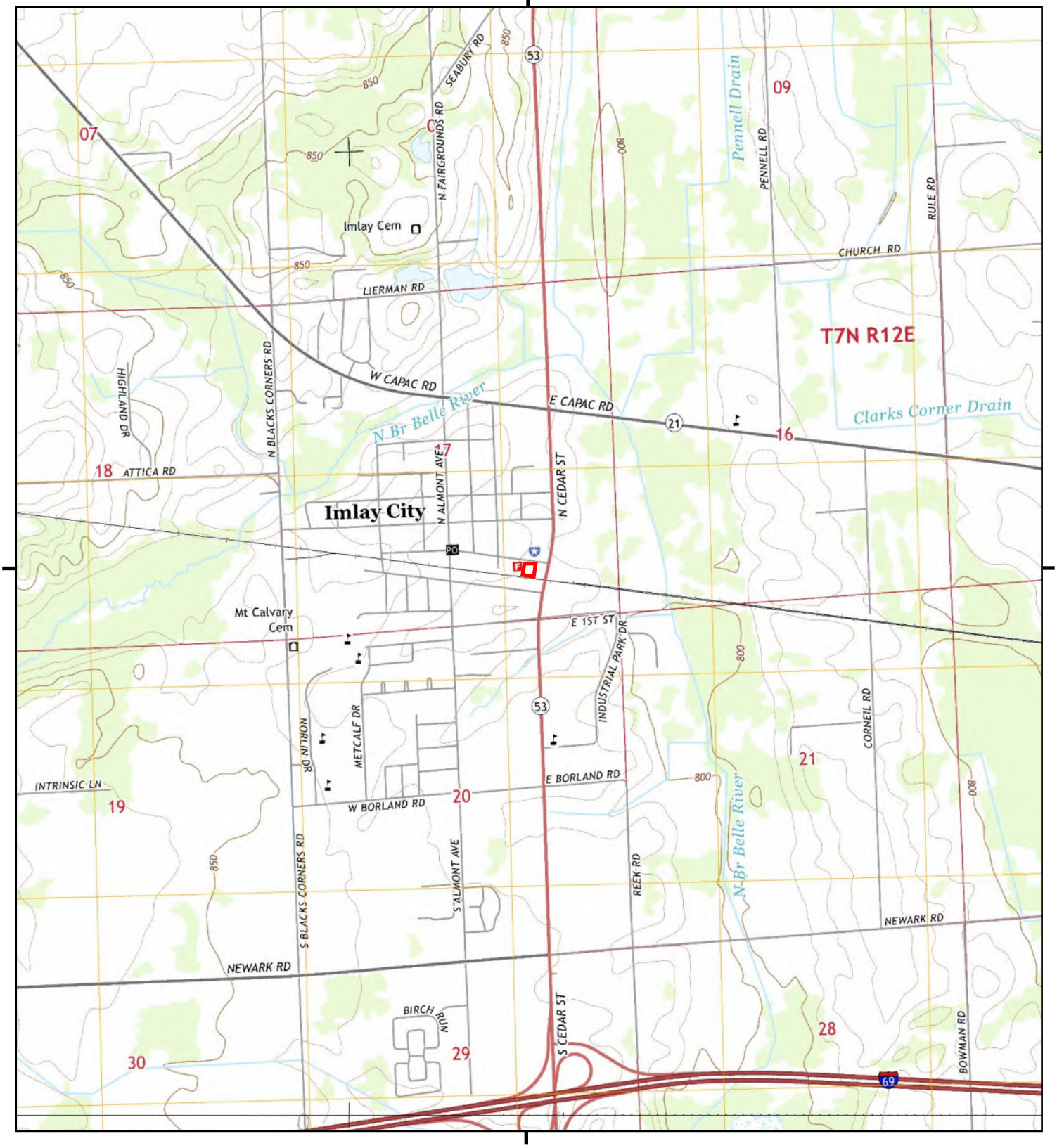
TP, Imlay City, 2016, 7.5-minute

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

N

Historical Topo Map

2014



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

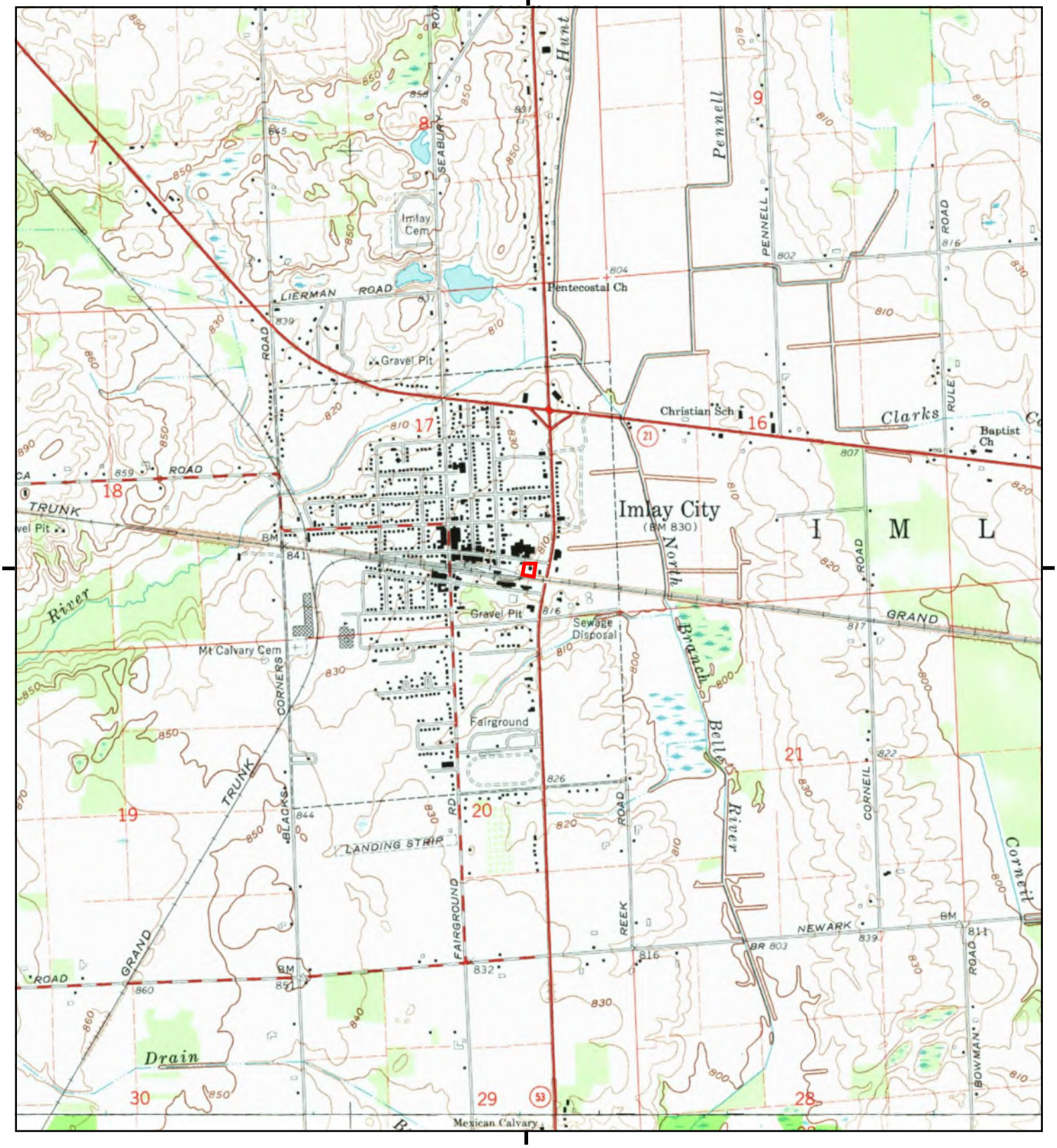
TP, Imlay City, 2014, 7.5-minute
S, Almont, 2014, 7.5-minute

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

N

Historical Topo Map

1963, 1968



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

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

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

N

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

Inquiry Number: 6965316.3
May 04, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/04/22

Site Name:

Former City DPW
400 East Third Street
Imlay City, MI 48444
EDR Inquiry # 6965316.3

Client Name:

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

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

Certified Sanborn Results:

Certification # 8580-416D-B504

PO # NA

Project 220365

Maps Provided:

1953
1934
1928
1922
1909
1900
1895
1890

Sanborn® Library search results

Certification #: 8580-416D-B504

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

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

The Sanborn Library LLC Since 1866™

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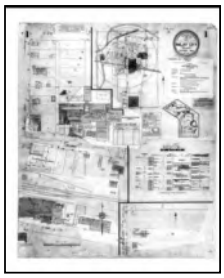
Sanborn Sheet Key

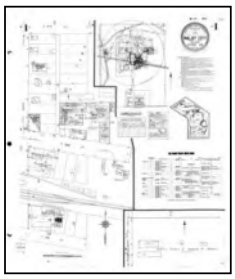
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1953 Source Sheets



Volume 1, Sheet Keymap/Sheet1
1953

1934 Source Sheets



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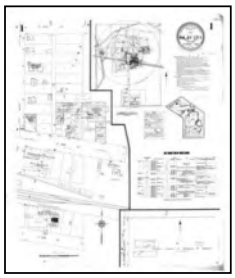
1934

1928 Source Sheets



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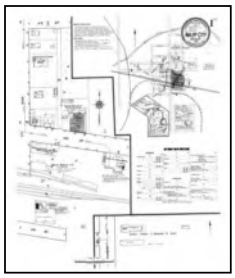
1928

1922 Source Sheets



Volume 1, Sheet Keymap/Sheet1
1922

Sanborn Sheet Key

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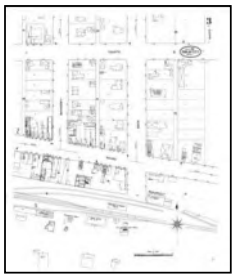
1909 Source Sheets



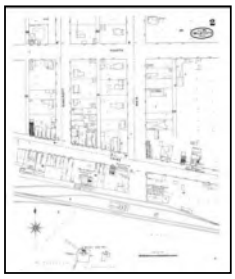
Volume 1, Sheet 3
1909

1900 Source Sheets



Volume 1, Sheet 2
1900

1895 Source Sheets

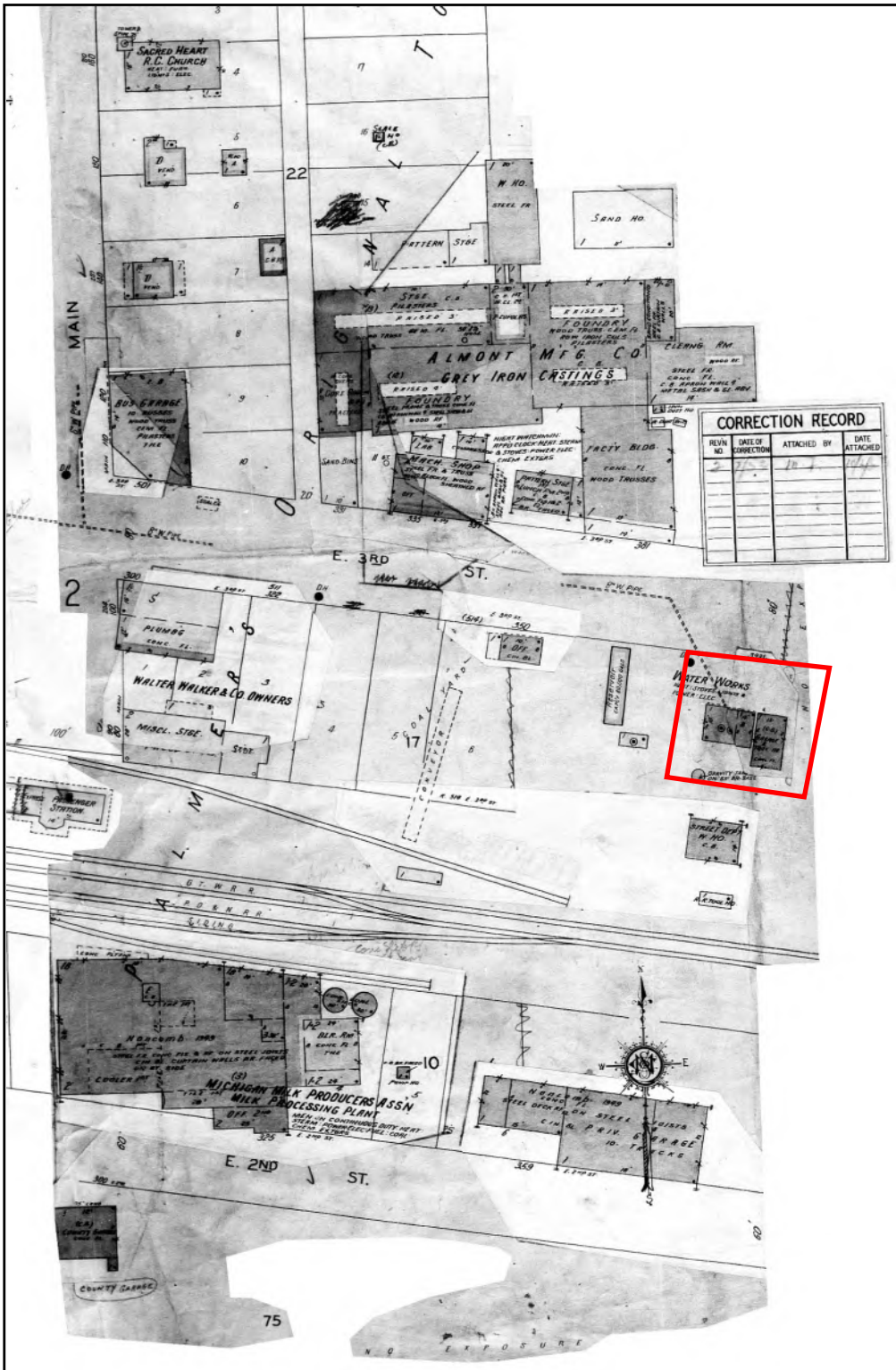


Volume 1, Sheet 2
1895

1890 Source Sheets



Volume 1, Sheet 2
1890



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Site Name:	Former City DPW
Address:	400 East Third Street
City, ST, ZIP:	Imlay City, MI 48444
Client:	ECT
EDR Inquiry:	6965316.3
Order Date:	05/04/2022
Certification #:	8580-416D-B504
Copyright	1953

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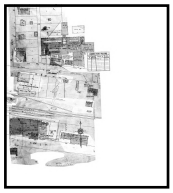
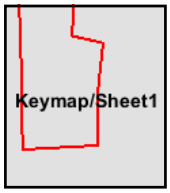
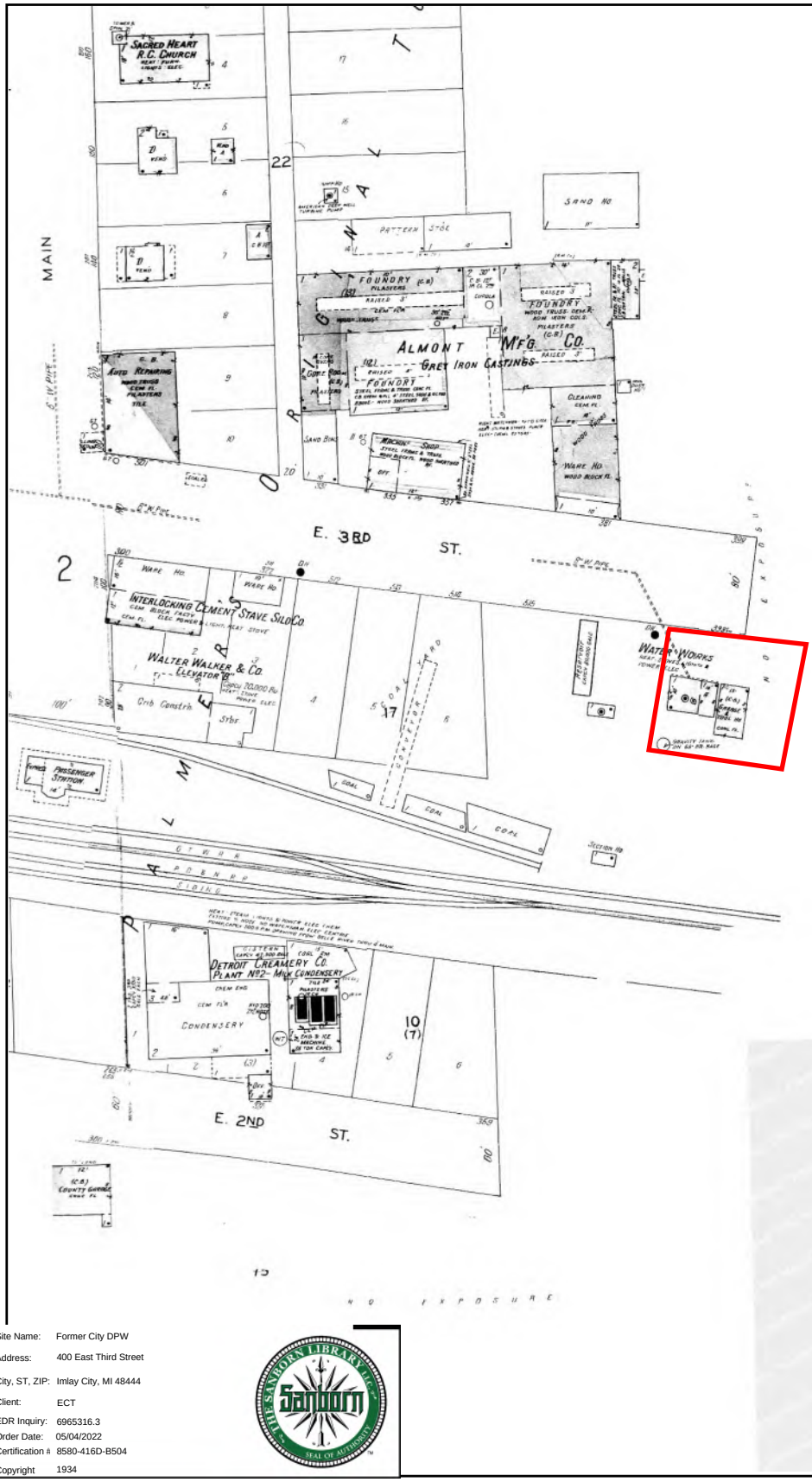
0 Feet 150 300 600





Volume 1, Sheet Keymap/Sheet1

N



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EDR Inquiry:	6965316.3
Order Date:	05/04/2022
Certification #:	8580-416D-B504
Copyright	1934

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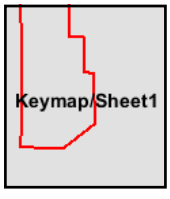

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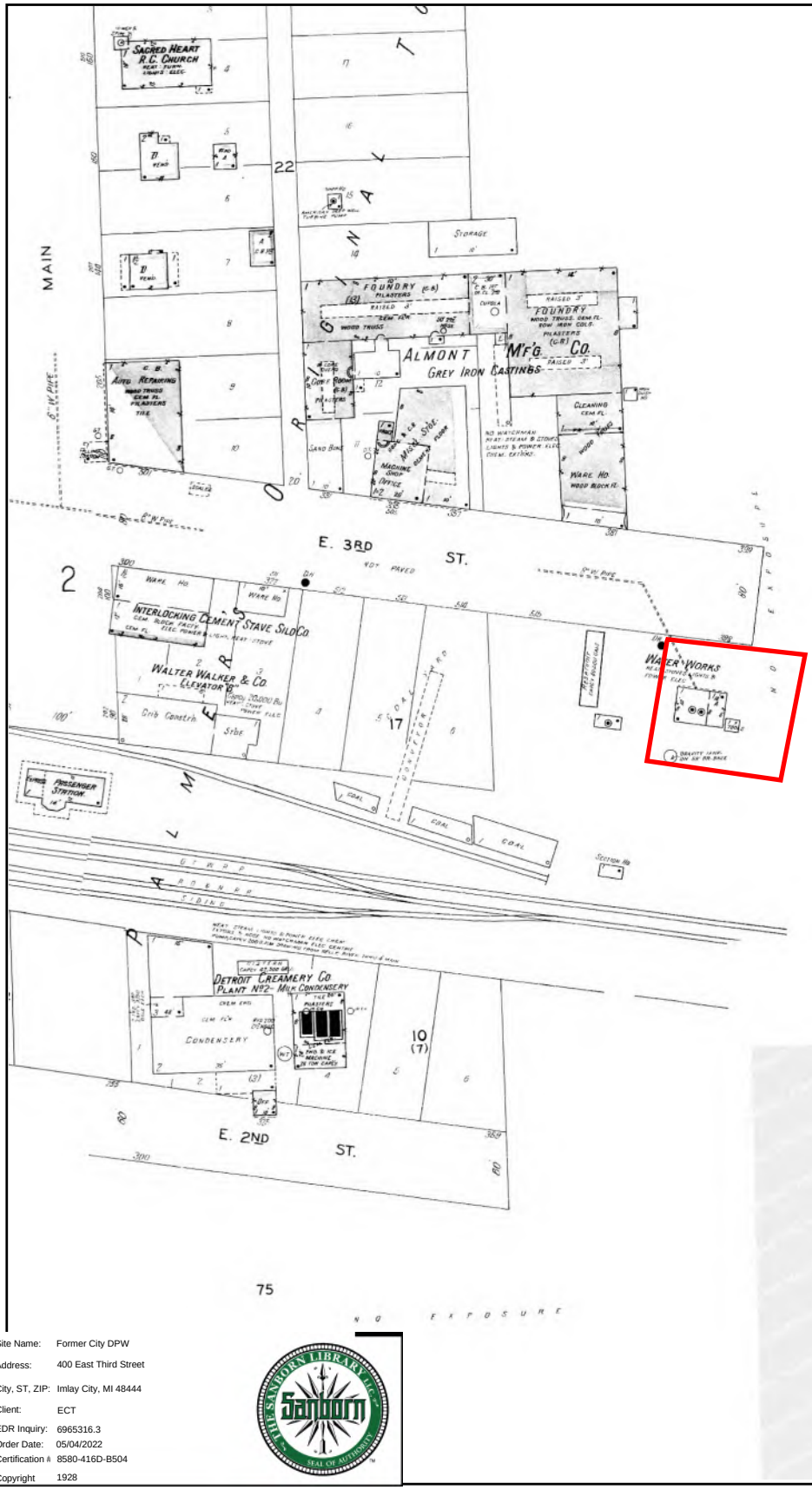

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Order Date:	05/04/2022
Certification #:	8580-416D-B504
Copyright	1928

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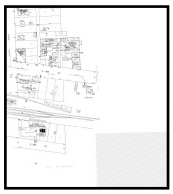

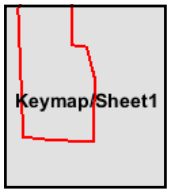

Volume 1, Sheet Keymap/Sheet1

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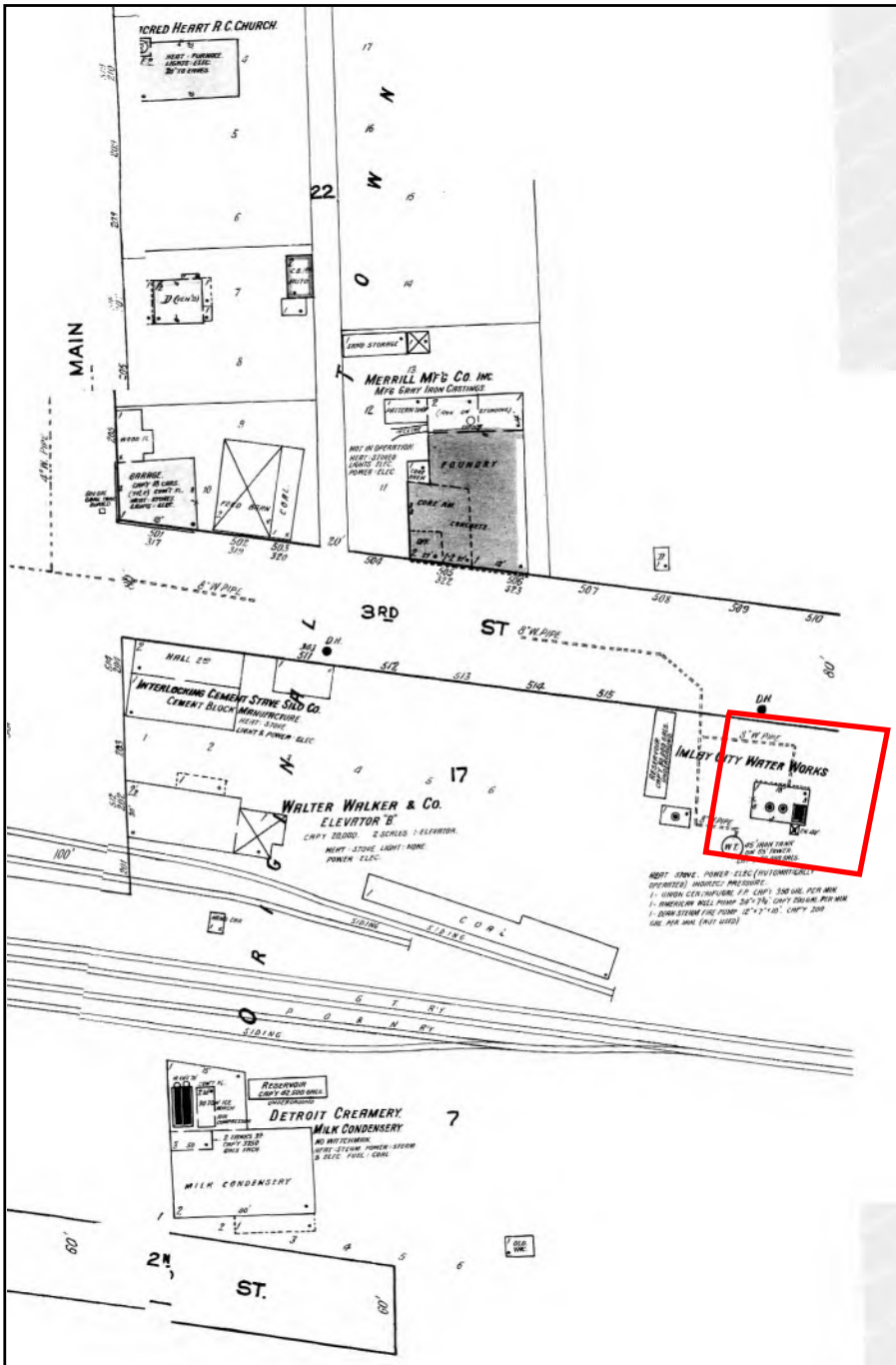

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Certification #:	8580-416D-B504
Copyright	1922

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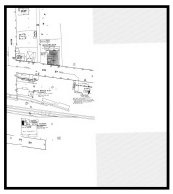

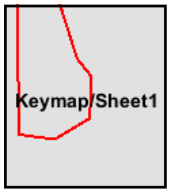

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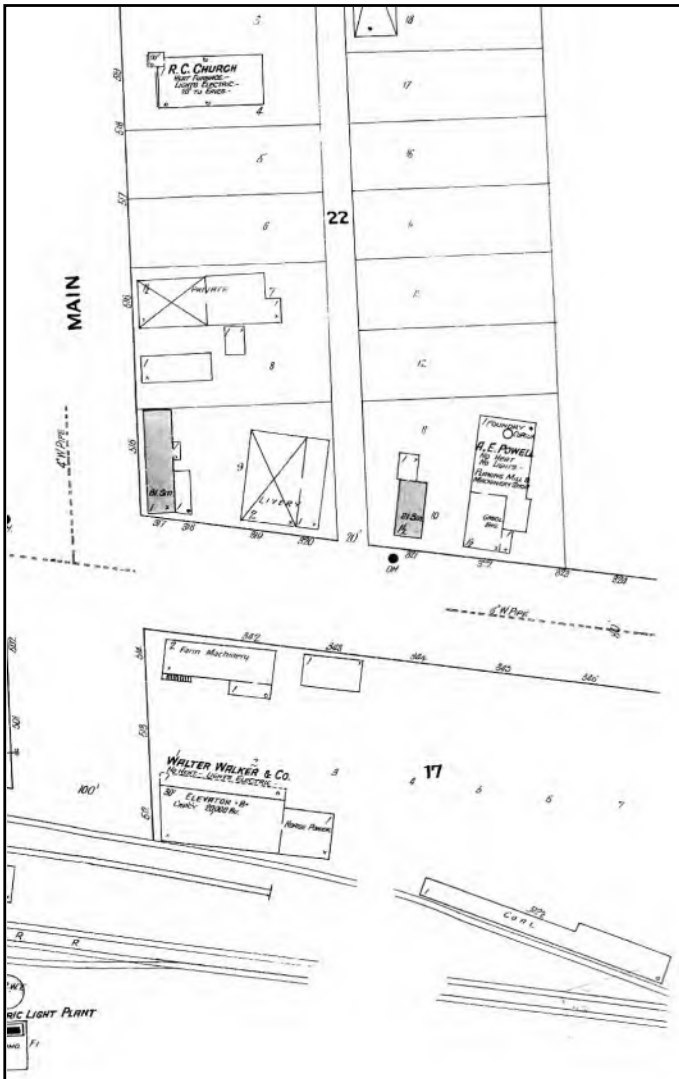

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EDR Inquiry: 6965316.3
Order Date: 05/04/2022
Certification #: 8580-416D-B504
Copyright: 1909

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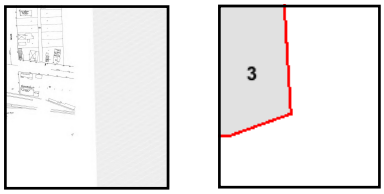

Volume 1, Sheet 3

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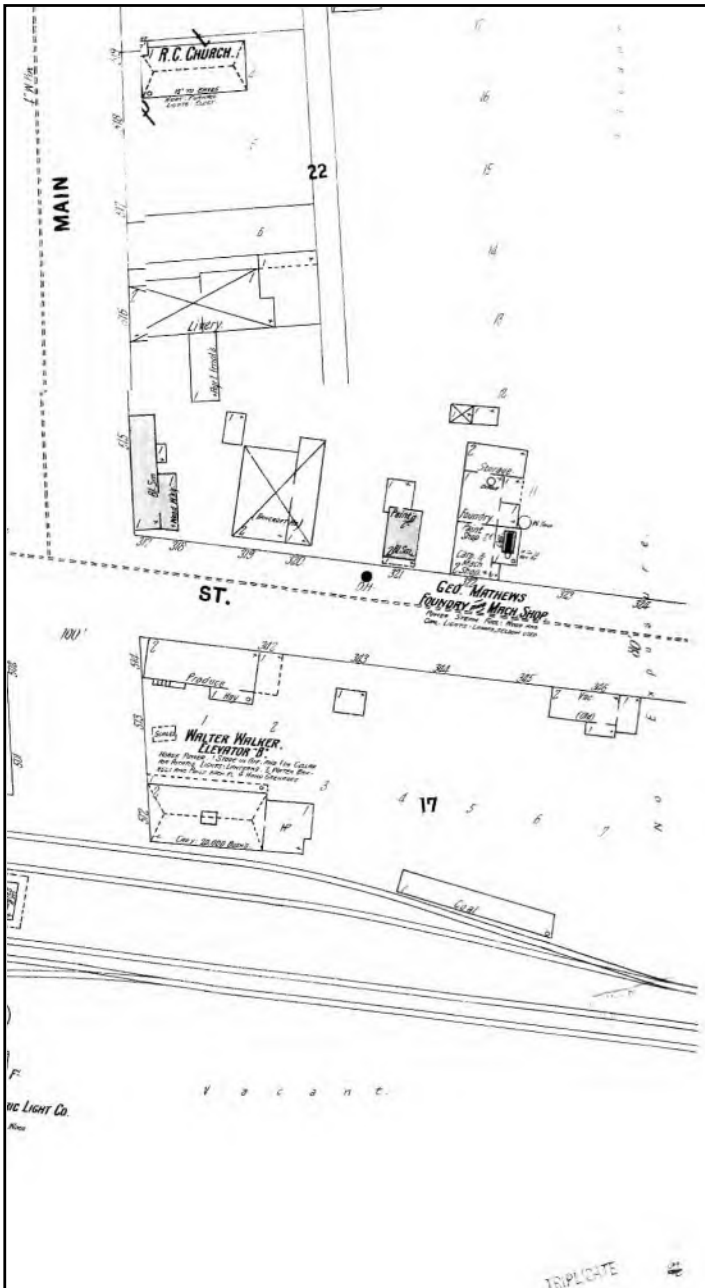

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Order Date: 05/04/2022
Certification #: 8580-416D-B504
Copyright: 1900

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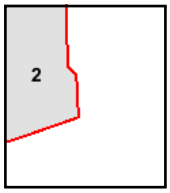

Volume 1, Sheet 2

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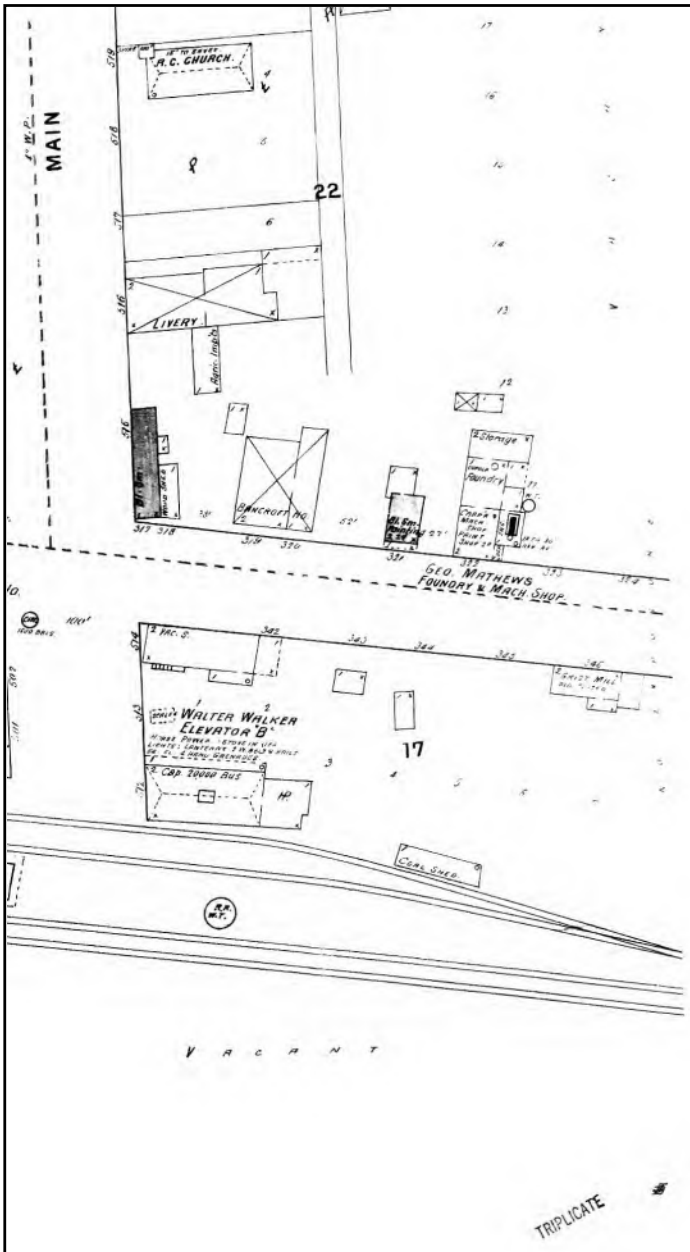

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Order Date: 05/04/2022
Certification #: 8580-416D-B504
Copyright: 1895

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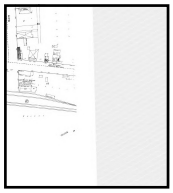

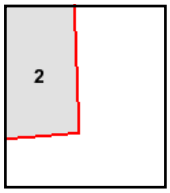

Volume 1, Sheet 2

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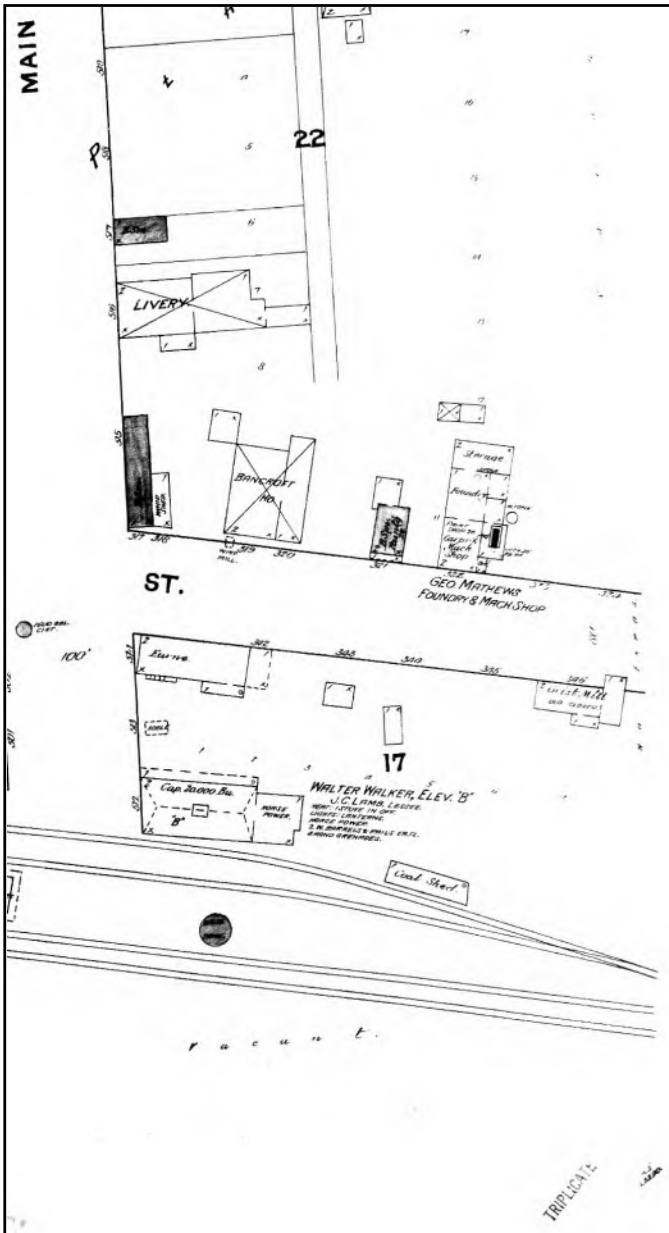

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Order Date: 05/04/2022
Certification #: 8580-416D-B504
Copyright: 1890

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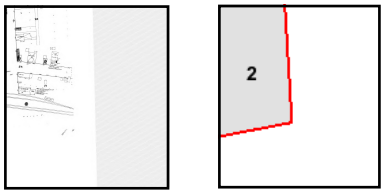

Volume 1, Sheet 2

0 Feet 150 300 600

N

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

Inquiry Number: 6965316.5
May 06, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

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

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

FINDINGS

TARGET PROPERTY STREET

400 East Third Street
Imlay City, MI 48444

Year	*CD Image*	*Source*
E 3RD ST		
2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A7	EDR Digital Archive
2005	pg A10	EDR Digital Archive
2000	pg A13	EDR Digital Archive
1995	pg A16	EDR Digital Archive
1992	pg A19	EDR Digital Archive
1987	pg A23	Bresser's Cross-Index Directory Company
1987	pg A24	Bresser's Cross-Index Directory Company
1982	pg A26	Bresser's Cross-Index Directory Company
1982	pg A27	Bresser's Cross-Index Directory Company
1977	pg A29	Bresser's Cross-Index Directory Company
1977	pg A30	Bresser's Cross-Index Directory Company
1974	pg A32	Bresser's Cross-Index Directory Company

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
E 2ND ST		
2017	pg. A1	EDR Digital Archive
2014	pg. A3	EDR Digital Archive
2010	pg. A6	EDR Digital Archive
2005	pg. A9	EDR Digital Archive
2000	pg. A12	EDR Digital Archive
1995	pg. A15	EDR Digital Archive
1992	pg. A18	EDR Digital Archive
1987	pg. A22	Bresser's Cross-Index Directory Company
1982	pg. A25	Bresser's Cross-Index Directory Company
1977	pg. A28	Bresser's Cross-Index Directory Company
1974	pg. A31	Bresser's Cross-Index Directory Company

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E 2ND ST 2017

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2017

101	STYLE TECHS
105	BIBLE BOOK STORE OF IMLAY CITY
	DIS N DAT
109	CHARTER COMMUNICATIONS
	IMLAY CITY FLORIST LLC
113	THE PINCUSHION
118	KITTYS PLACE RESALE
130	CREATIONS FLORAL LLC
131	ALILOF EVERYTHING
	TRUE VALUE
134	IMLAY CITY BAKERY
137	DO IT BEST
144	CCS COMPUTER REPAIR
	NEMCSA HEAD START
149	EXTREME CHEER & DANCE STUDIO
	FIRST IMPRESSIONS STUDIO
150	HART, JEFFREY P
151	STRUCTURE SALON
158	A DUTHLER R LAND SURVEYOR
	EDWARD JONES FINANCIAL ADVISOR RO
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
-	✓	EDR Digital Archive

E 2ND ST 2014

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2014

100	HEALTH DELIVERY INC
101	STYLE TECHS
102	JUDD, RODNEY D
105	BIBLE BOOK STORE OF IMLAY CITY
	DIS N DAT
106	WALTON, DANIEL B
109	IMLAY CITY FLORIST LLC
112	RUIZS PARTY SHOP
113	PINCUSHION THE
116	BRYAN, SANDRA M
118	KITTYS PLACE RESALE
122	CONNIE SONNENBERGS CREATIVE HAIR DE
126	CHICKS BARBER SHOP
130	CREATIONS FLORAL
131	EAGLEWOOD
	THIMBLEBERRY GIFT SHOPPE
134	JALISCO BAKERY
137	IMLAY CITY HARDWARE
144	CCS COMPUTER REPAIR
	NEMCSA HEAD STARTIMLAY CITY
147	OCCUPANT UNKNOWN,
149	EXTREME CHEER & DANCE STUDIO
	FIRST IMPRESSIONS STUDIO
150	FIELD, ADAM
	FOCUS STUDIO
	WILLOW HOUSE
151	STRUCTURE SALON
156	B NATURALS LLC
158	EDWARD JONES FINANCIAL ADVISOR RO
	R A DUTHLER LAND SURVEYOR
201	GEM & DIAMOND SPECIALISTS
	JOHNSON, JEFFRY A
202	LENGEMANN JOHN L ATTY
	MILLER SALLY A ATTY
	MORRICE LENGEMANN & MILLER PC
	MORRICE LENGEMANN & MILLER PC ATTYS
	SILVERBERG HAYLEY A
204	HISPANIC SERVICES
	RAPPUHN, MINDI
206	GONZALEZ, JACQUELYN
208	KELLYS PET GROOMING
210	SPORTMENS BARBER SHOP
212	THE AMERICAN LEGION
216	FISHER AARON A DDS
	IMLAY CITY DENTAL PLLC
	NICHOLS HENRY D DDS
	THE PERFECT SMILE
220	BRYANT, ANDREA N
	DELGADO, RAUL
	RUIZ, ERIC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2014 (Cont'd)

221	BERNARD, KRISTINA
	WALKER, SANDRA S
223	GREAT LAKES HOME HEALTH CARE
225	MURRAY, TOMASA M
230	ATKINS INSURANCE GROUP INC
234	THE FRONT ROW BAR & GRILL
237	GENTGES, ADAM
	IMLAY CITY CLEANERS
	JUDD, CINDY L
243	CHURCHILL INSURANCE
	MALDONADO, LUCINDA J
244	LEARNING DEPOT
	MICHIGAN BUSINESS PRODUCTS & THE L
310	UNITED STATES GOVERNMENT
335	NARAYAN DRUGS & PHARMACY LLC
	NARAYAN MED TECH LLC SHRIJI PHYSICAL
395	COMMISSION ON AGING
	IMLAY CITY
	LAPEER COUNTY EMS
	LAPEER COUNTY GOVERNMENT
418	EVIES HAIR VILLA
	STYLES BY CONNIE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E 2ND ST 2010

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2010

100	HEALTH DELIVERY INC
101	STYLE TECHS
102	ALVAREZ, M
	GUERRERO, MARIA D
105	IMLAY CITY MARTIAL ARTS
106	CLIMATE GUARD INC
109	KEMPFS IMLAY CITY FLORIST
112	ORLOWSKI, REBECCA
	RUIZS PARTY SHOP
113	PINCUSHION
116	GRIGGS, FRED W
118	KITTYS PLACE RESALE
122	CONNIE SONNENBERGS CREATIVE
126	CHICKS BARBER SHOP
130	CREATIONS FLORAL LLC
131	THIMBLEBERRY GIFT SHOPPE
134	JALISCO BAKERY
137	IMLAY CITY HARDWARE
144	CREATIVE COMPUTER SOLUTIONS
	FARM BUREAU INSURANCE
149	PRO TANNING LLC
150	FOCUS STUDIO
	TEETS, STEVE J
151	STRUCTURE SALON
156	H&R BLOCK
158	NORTHEAST SURVEY & ASSOC
	R A DUTHLER LAND SURVEYOR
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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2010 (Cont'd)

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
-	✓	EDR Digital Archive

E 2ND ST 2005

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2005

100	HEALTH DELIVERY INC
101	STYLE TECHS
102	ALVAREZ, M
	GUERRERO, JOSE M
	JACOBS, JASON
105	GRAPHIC EXPRESSIONS
106	ALL GUARD INC
109	FLOWER PEDDLER INC
112	TACO RUIZ
116	GRIGGS, FRED W
122	CREATIVE HAIR DESIGN
	STYLES BY CONNIE
126	CHICKS BARBER SHOP
130	CREATIONS FLOWERS PLUS
134	JALISCO BAKERY
144	RAINBOW CLEANERS
147	OCCUPANT UNKNOWN,
150	FOCUS STUDIO
	TEETS, STEVE J
151	BOSSMAN CONSTRUCTION INC
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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2005 (Cont'd)

400 IMLAY CITY SIGNS
OCCUPANT UNKNOWN,
418 NORTHERN LIGHTS TANNING SALON
420 IMLAY CITY FITNESS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E 2ND ST 2000

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2000

100	FAMILY ECONOMICS CRISIS CENTER
	SHOOTIN THE BREEZE
101	FAMILY WEARHOUSE
102	ALVAREZ, M
	GUERRERO, MARIA
103	REFLECTIONS HAIR SALON
105	WARNER, JOHN I
106	CLIMATE GUARD INCORPORATED
	ZEPEDA, ANNA
112	COSCARELLI PARTY SHOP
113	PINCUSHION THE
116	GRIGGS, FRED
118	KITTYS PLACE RESALE
122	50/ 50 VARIETY
	FIFTY 50 VARIETY
	JACKS R BETTER
126	CHICKS BARBER SHOP
130	CREATIONS FLOWERS PLUS
131	IMLAY CITY TRUE VALUE HARDWARE
	THIMBLEBERRY GIFT SHOPPE
134	IMLAY CITY BAKERY
	RANKIN IMLAY CITY BAKERY
137	IMLAY CITY TRUE VALUE HARDW
144	RAINBOW CLEANERS OF IMLAY CITY
149	FIRST IMPRESSIONS STUDIO
150	FIRE & ICE PRODUCTION
	FOCUS STUDIO
151	MICHIGAN BUSINESS PRODUCTS
	WILCOX WILLIAM DALE INS
156	BLOCK H & R
	BLOCK H & R LOCAL OFFICES
200	BEAUTIFUL BEGINNINGS BRIDAL SALON
	VICTORIAN MANOR BANQUET FACILITIES & WEDDING CHAPEL
201	GEM & DIAMOND SPECIALISTS
202	LENGEMANN JOHN L ATTORNEY
	MILLER SALLY A
	MORRICE LENGEMANN & ZIMMERMAN PC ATTORNEYS
	ZIMMERMAN MARILYN J ATTORNEY
	ZIMMERMAN MARILYN SAK
204	DODGE PATRICK
206	TOTS TO TEENS RESALE SHOPPE
208	BEREAN BAPTIST FELLOWSHIP CHURCH
210	MULDERS BARBER SHOP
212	AMERICAN LEGION POST 135
213	ARTPLACE CLEANERS
	ARTPLACE DRYCLEANERS
216	FAMILY DENTAL CARE
	NICHOLS HENRY D DDS
218	STITCH GROUP THE
219	IMLAY CITY FLOWER SHOP

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 2000 (Cont'd)

220	BRYANT, A
	LACALERA GROCERY
221	CUSTOM LETTERING & DESIGN
	RAYMOND, ROBERT C
223	ROBBINS STEVE INS STATE FARM INSURANCE AGENT
	STATE FARM INSURANCE
229	CLASSIC CUTZ & NAILZ
230	NORTHEAST SURVEY & ASSOCIATES INCORPORATED
234	RAYS BAR
235	BROOKS JAMES W INSURANCE
237	CONTINENTAL MORTGAGE CORPORATION
	GRINNELL, LAWR J
	PERFECTLY CLEAN
	PITTCO TECHNOLOGIES
	PULEO, JOHN
	SWOPSHER, DEBORAH A
243	CHURCHILL INSURANCE AGENCY
244	IMLAY CITY MONUMENTS
	MEMORY JUNCTION ANTIQUES & COLLECTIBLES
300	J & J TV & ANTENNA
310	POST OFFICE
335	FIRE DEPARTMENT IMLAY CITY
	IMLAY CITY GOVERNMENT POLICE DEPARTMENT
	IMLAY CITY POLICE DEPARTMENT
	LAPEER COUNTY EMERGENCY MEDICAL SERVICE
	POLICE DEPARTMENT IMLAY CITY
387	IMLAY CITY GOVERNMENT POOL
395	COMMISSION ON AGING
	EBERT GALEN R DO
	HANEY MERLE B MD
	HARRINGTON DONALD P DO
	IMLAY CITY HEALTH CENTER
	LAPEER COUNTY GOVERNMENT
	LAPEER COUNTY GOVERNMENT COMMISSION ON AGING
	LAPEER COUNTY OF DEPARTMENT OF SENIOR ACTIVITIES
	MCLAREN COMMUNITY MEDICAL CENTER
	WURSTER FREDERICK R DO
400	IMLAY CITY CITY GOVERNMENT
	IMLAY CITY SIGNS
418	NAILS BY ROBBIE
	NORTHERN LIGHTS TANNING
	STYLES BY CONNIE
420	IMLAY CITY JEWELRY
	PAGERS & PHONES
	SMI COMMUNICATIONS INCORPORATED

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E 2ND ST 1995

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 1995

100	SHOOTIN THE BREEZE
101	REFLECTIONS HAIR SALON
105	CREATIONS FLOWERS
106	CLIMATE GUARD INC
109	MEAT EATERS MARKET
	OCCUPANT UNKNOWNN
112	CHAVEZ, A
	COSCARELLIS PARTY SHOP
	KINEL, KIROKO
113	PINCUSHION
116	GUTIERREZ, ABEL
118	KITTYS PLACE RESALE
122	JACKS R BETTER
	KINGS&QUEENS HAIR
	OCCUPANT UNKNOWNN
126	CHICKS BARBER SHOP
130	GEM & DIAMOND SPECIALISTS
	MOMS & TOTS RESALE
131	THIMBLEBERRY GIFT
134	IMLAY CITY BAKERY
137	TRUE VALUE HARDWARE
144	PAGE, JODI
	RAINBOW CLEANERS OF IMLAY CITY
147	HOWINGTON, DENNIS W
149	ICCS ALTRNTV HS
	NAVAJO CASUALS
150	FOCUS STUDIO
	OCCUPANT UNKNOWNN
151	MICHIGAN BUSINESS PRODUCTS
	MITIN DAVID
158	HOMETOWN FURNITURE
	T R C COMMUNICATION
200	BEAUTIFUL BEGINNINGS BRIDAL
	BEAUTIFUL BGNNGS
	VICTORIAN MANOR BANQUET
201	JOHNSON, JEFF
	NORMAN, DAN
	YAMAGUCHI, YUJI
202	J D MORRICE ATY
	J L LENGEMANN ATY
	JAMES D MORRICE
	JULIE M CARROLL
	LENGEMANN JOHN ATTY
	M J ZIMMERMAN ATY
	MARILYN J ZIMMERMAN
	MORRICE LENGEMANN & ZIMMERMAN
	MORRICE&ASSOCS ATY
204	MOROCCO, JOEL
	PROGRSV MRKTG ASSOC
206	FLORES, ENRIQUE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 1995 (Cont'd)

208	AMYS
	SWEATER SHOP THE
210	MULDERS BARBER SHOP
213	ARTPLACE CLEANERS
216	HENRY D NICHOLS DDS
218	FIRST IMPRESSIONS STUDIO
219	IMLAY CITY FLOWER SHOP
220	ANDREAS SALON BTY
	BRYANT, ROBERT
223	KARENS KRAFT KORNER
	OCCUPANT UNKNOWNN
	STATE FARM INS
	STATE FARM INSURANCE
	STEVE ROBBINS
225	GILMORE, MARION M
227	DIVINE OBSESSONS
	JOES RECORD&TAPE SH
	WILLIAMS, DANNY
229	CLASSIC CUTZ & NAILZ
	PATS BEAUTY SHOP
230	NORTHEAST SURVEY & ASSOC INC
	SMITH GLENN L MD
234	RAYS BAR
235	JAMES W BROOKS INSURANCE
237	COLBY, JOHN
	GRINNELL, LAWR J
243	CHURCHILL INS AGCY
	CHURCHILL INSURANCE
244	COUNTRY COLLECTIBLE
	MEMORY JCT ANTIQUE
300	J & J TV & ANTENNA
310	US POST OFFICE
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
-	✓	EDR Digital Archive

E 2ND ST 1992

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

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 1992

101	FAMILY WEARHOUSE
103	REFLECTIONS HAIR
105	CREATIONS
106	CLIMATE GUARD INC
109	MEAT EATERS MARKET
112	COSCARELLIS PRTY SH
	COSCARELLIS PTY SP
113	PINCUSHION THE
	THE PINCUSHION
118	KITTYS PLACE
122	KINGS&QUEENS HAIR
126	CHICKS BARBER SHOP
130	GEM&DIAMOND SPCLST
131	THIMBLEBERRY GIFT
134	IMLAY CITY BAKERY
	IMLAY CTY BAKERY
137	IMLAY CITY TRUE VL
	IMLAY CTY TRU VALUE
144	RAINBOW CLEANERS
149	NAVAJO CASUALS
150	FOCUS
	FOCUS STUDIO
151	DAVID MITIN INS
	MITIN DAVID
	STATE FARM INS
	W D WILCOX INS
	WILCOX WILLIAM DALE
156	HOTT RACING
158	A&M OFFICE SUPPLY
	T R C COMMNCTNS
	T R C COMMUNICATION
200	BEAUTIFUL BEGINNGS
	BEAUTIFUL BGNNGS
	HOME&HEARTH CRAFTS
	MOTHERS BEST SHOP
	VICTORIAN MANOR
202	J D MORRICE ATY
	J L LENGEMANN ATY
	LENGEMANN JOHN ATTY
	M S GREENER ATY
	MORRICE JAMES ATTY
	MORRICE&ASSC ATY
	MORRICE&ASSOCS ATY
204	DODGE, PATRICK C
	MOROCCO, JOEL
	PROGRSV MRKTG ASSOC
206	H&R BLOCK CO
208	SWEATER SHOP THE
	THE SWEATER SHOP
210	MULDERS BARBER SH

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 1992 (Cont'd)

210	MULDERS BARBER SHOP
213	ART PLACE CLEANERS
	ARTPLACE CLEANERS
216	ARETAKIS DONNA DDS
	DR DONNA ARETAKIS
	DR HENRY D NICHOLS
219	IMLAY CITY FLWR SH
	IMLAY CTY FLOWER SH
220	ANDREAS BTY SLN
	ANDREAS SALON BTY
	BRYANT, ROBERT
221	WHITSELL, RICK J
223	KARENS KRAFT KORNER
	KARENS KRAFT KORNR
225	KUSTOM PAINTERS
227	JOES RECORD&TAP SH
	JOES RECORD&TAPE SH
229	PATS BEAUTY SHOP
230	SMITH GLENN L MD
234	RAYS TAVERN
235	BROOKS JAMES W INS
	J W BROOKS INS
243	CHURCHILL INS AGCY
244	COUNTRY COLLCTBLS&
	COUNTRY COLLECTIBLE
300	J&J TV
	J&J TV&ANTENNA
310	POST OFC
	POST OFFICE IMLAY
	US GOVERNMENT
	US POST OFFICES
334	FIRE DEPT
395	COMMISSION ON AGE
	DR F WURSTER
	DR GALEN EBERT
	IMLAY CITY HLTH CT
	LAP CMSN ON AGNG
	LAP CO DEPT SR ACT
	LAPEER CO CMSN AGNG
	LAPEER CO SNR ACTVY
	WURSTER FREDK DO
400	CITY AMBULANC SERV
	CITY FIRE DEPT
	CITY POLICE DEPT
	IMLAY CTY GOVT AMBL
	JETS COLLISION
	POLICE DPT IMLY CY
418	JACKS R BETTER
	TOMS TROPHIES
420	TOM&DEBBYS PARTY S

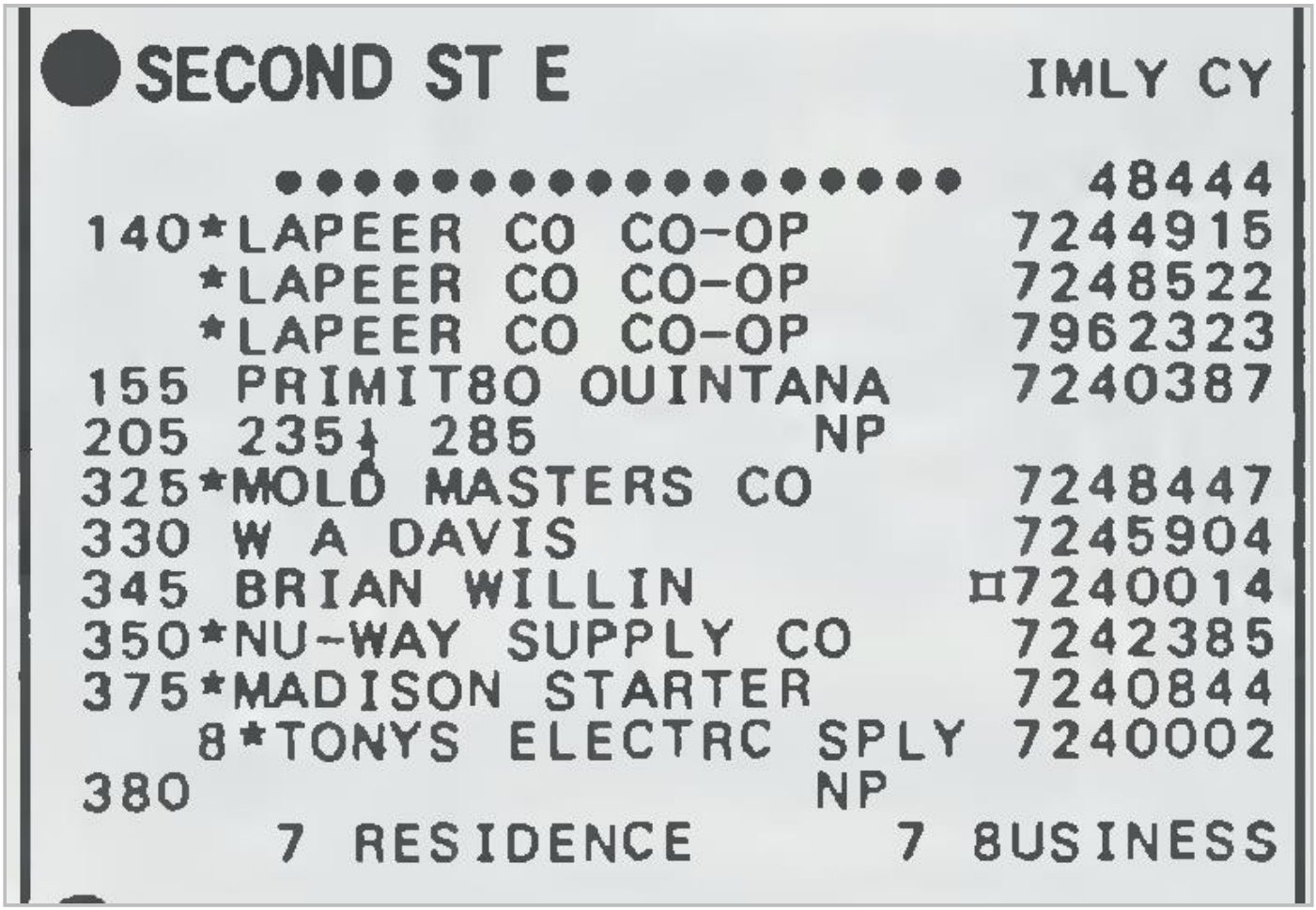
Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 3RD ST 1992 (Cont'd)

420 TOM&DEBBYS PARTY ST

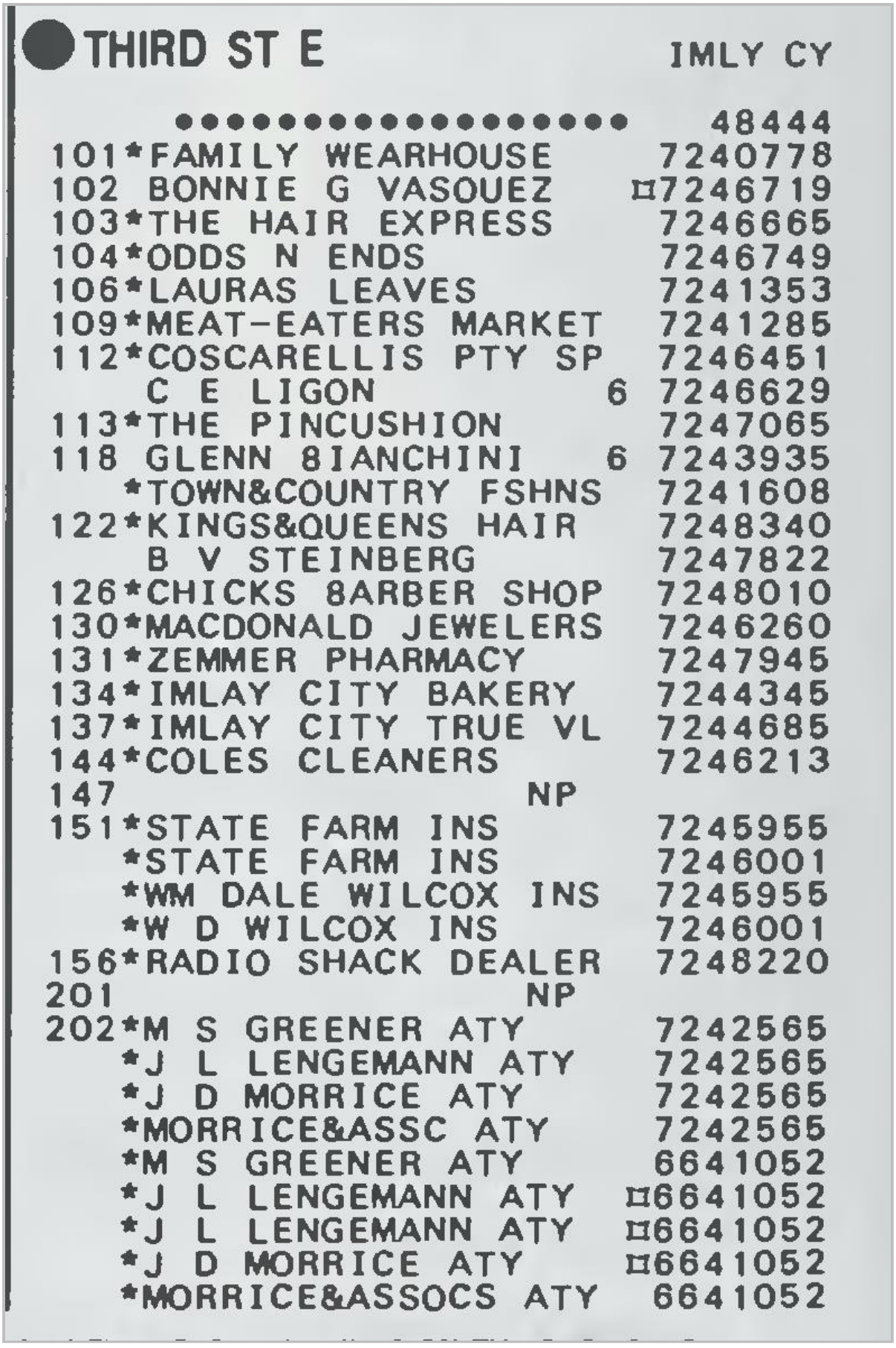
Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

E 2ND ST 1987



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

E 3RD ST 1987



THIRD ST E IMLY CY

	●●●●●●●●●●●●●●●●●●	48444
101	*FAMILY WEARHOUSE	7240778
102	BONNIE G VASQUEZ	¤7246719
103	*THE HAIR EXPRESS	7246665
104	*ODDS N ENDS	7246749
106	*LAURAS LEAVES	7241353
109	*MEAT-EATERS MARKET	7241285
112	*COSCARELLIS PTY SP	7246451
	C E LIGON 6	7246629
113	*THE PINCUSHION	7247065
118	GLENN 8IANCHINI 6	7243935
	*TOWN&COUNTRY FSHNS	7241608
122	*KINGS&QUEENS HAIR	7248340
	B V STEINBERG	7247822
126	*CHICKS 8ARBER SHOP	7248010
130	*MACDONALD JEWELERS	7246260
131	*ZEMMER PHARMACY	7247945
134	*IMLAY CITY BAKERY	7244345
137	*IMLAY CITY TRUE VL	7244685
144	*COLES CLEANERS	7246213
147	NP	
151	*STATE FARM INS	7245955
	*STATE FARM INS	7246001
	*WM DALE WILCOX INS	7245955
	*W D WILCOX INS	7246001
156	*RADIO SHACK DEALER	7248220
201	NP	
202	*M S GREENER ATY	7242565
	*J L LENGEMANN ATY	7242565
	*J D MORRICE ATY	7242565
	*MORRICE&ASSC ATY	7242565
	*M S GREENER ATY	6641052
	*J L LENGEMANN ATY	¤6641052
	*J L LENGEMANN ATY	¤6641052
	*J D MORRICE ATY	¤6641052
	*MORRICE&ASSOCS ATY	6641052

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

E 3RD ST 1987



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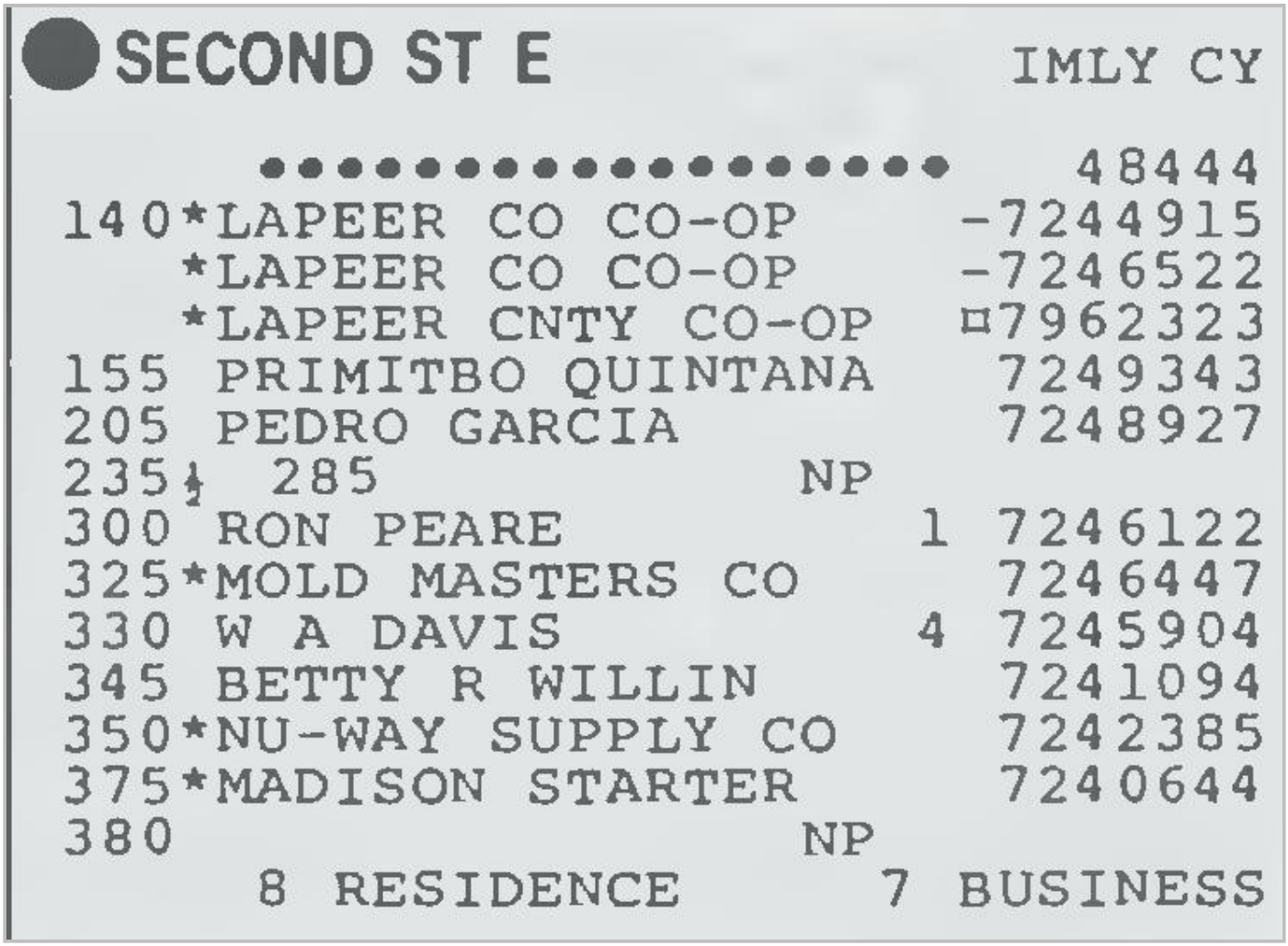
                                    48444
204*H&R BLOCK CO                   -7241038
   *H&R 8LOCK CO                   -7241038
   *IMLAY CTY 8KKPNG               ¤7241038
   *NUTRITION PLUS                 -7240607
206*DR D H BUSH                     7246644
    SHAWNE M GILES                 ¤7241300
208*AMERICAN PRODUCTS         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

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

E 2ND ST 1982



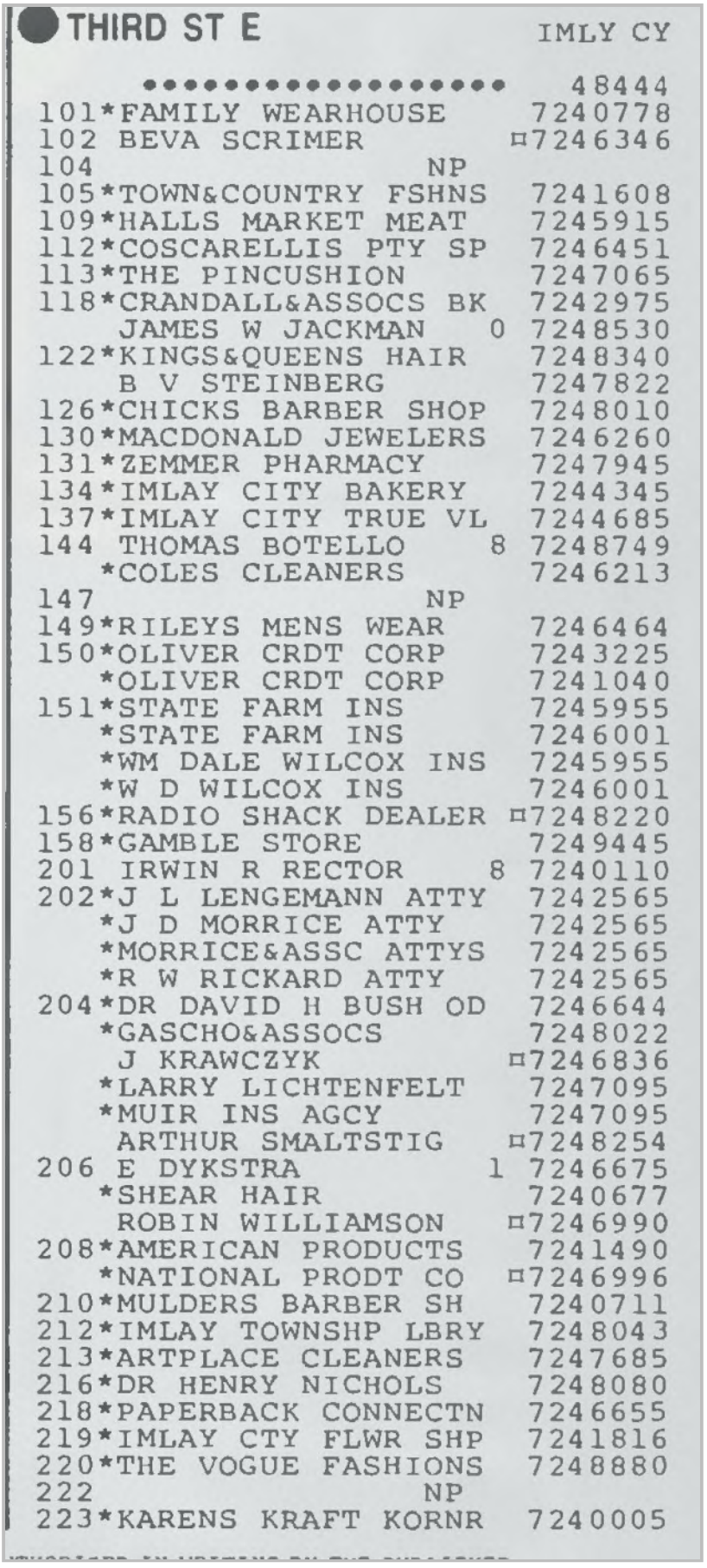
SECOND ST E IMLY CY

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

8 RESIDENCE 7 BUSINESS

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

E 3RD ST 1982

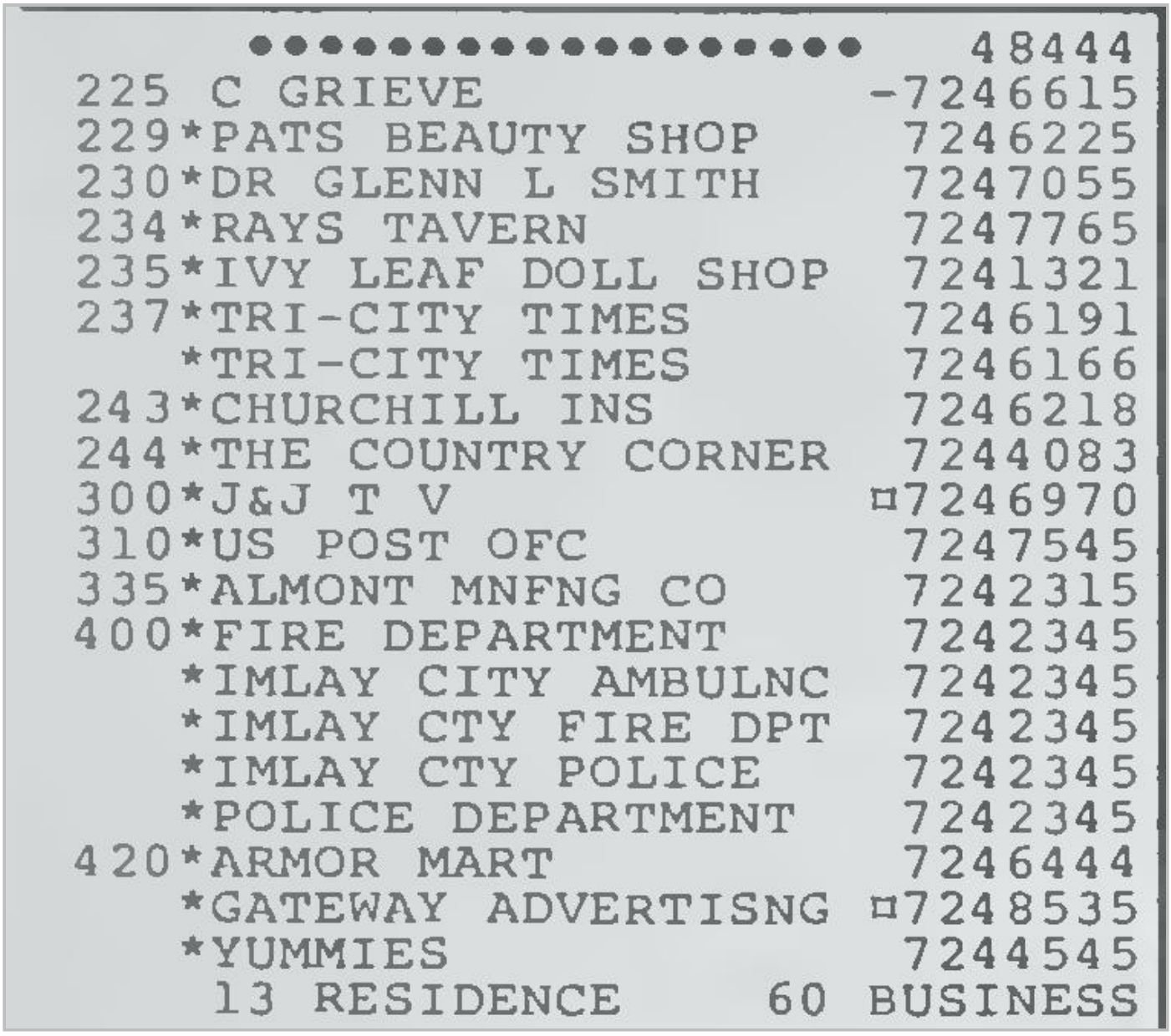


THIRD ST E IMLY CY

	••••••••••••••••••		48444
101	*FAMILY WEARHOUSE		7240778
102	BEVA SCRIMER	¤	7246346
104	NP		
105	*TOWN&COUNTRY FSHNS		7241608
109	*HALLS MARKET MEAT		7245915
112	*COSCARELLIS PTY SP		7246451
113	*THE PINCUSHION		7247065
118	*CRANDALL&ASSOCS BK		7242975
	JAMES W JACKMAN	0	7248530
122	*KINGS&QUEENS HAIR		7248340
	B V STEINBERG		7247822
126	*CHICKS BARBER SHOP		7248010
130	*MACDONALD JEWELERS		7246260
131	*ZEMMER PHARMACY		7247945
134	*IMLAY CITY BAKERY		7244345
137	*IMLAY CITY TRUE VL		7244685
144	THOMAS BOTELLO	8	7248749
	*COLES CLEANERS		7246213
147	NP		
149	*RILEYS MENS WEAR		7246464
150	*OLIVER CRDT CORP		7243225
	*OLIVER CRDT CORP		7241040
151	*STATE FARM INS		7245955
	*STATE FARM INS		7246001
	*WM DALE WILCOX INS		7245955
	*W D WILCOX INS		7246001
156	*RADIO SHACK DEALER	¤	7248220
158	*GAMBLE STORE		7249445
201	IRWIN R RECTOR	8	7240110
202	*J L LENGEMANN ATTY		7242565
	*J D MORRICE ATTY		7242565
	*MORRICE&ASSC ATTYS		7242565
	*R W RICKARD ATTY		7242565
204	*DR DAVID H BUSH OD		7246644
	*GASCHO&ASSOCS		7248022
	J KRAWCZYK	¤	7246836
	*LARRY LICHTENFELT		7247095
	*MUIR INS AGCY		7247095
	ARTHUR SMALTSTIG	¤	7248254
206	E DYKSTRA	1	7246675
	*SHEAR HAIR		7240677
	ROBIN WILLIAMSON	¤	7246990
208	*AMERICAN PRODUCTS		7241490
	*NATIONAL PRODT CO	¤	7246996
210	*MULDERS BARBER SH		7240711
212	*IMLAY TOWNSHP LBRY		7248043
213	*ARTPLACE CLEANERS		7247685
216	*DR HENRY NICHOLS		7248080
218	*PAPERBACK CONNECTN		7246655
219	*IMLAY CTY FLWR SHP		7241816
220	*THE VOGUE FASHIONS		7248880
222	NP		
223	*KARENS KRAFT KORNR		7240005

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

E 3RD ST 1982



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                                    48444
225 C GRIEVE                       -7246615
229*PATS BEAUTY SHOP                7246225
230*DR GLENN L SMITH                7247055
234*RAYS TAVERN                     7247765
235*IVY LEAF DOLL SHOP              7241321
237*TRI-CITY TIMES                  7246191
   *TRI-CITY TIMES                  7246166
243*CHURCHILL INS                   7246218
244*THE COUNTRY CORNER              7244083
300*J&J T V                        ¤7246970
310*US POST OFC                     7247545
335*ALMONT MNFNG CO                 7242315
400*FIRE DEPARTMENT                 7242345
   *IMLAY CITY AMBULNC              7242345
   *IMLAY CTY FIRE DPT              7242345
   *IMLAY CTY POLICE                7242345
   *POLICE DEPARTMENT               7242345
420*ARMOR MART                      7246444
   *GATEWAY ADVERTISNG             ¤7248535
   *YUMMIES                         7244545
    13 RESIDENCE     60 BUSINESS
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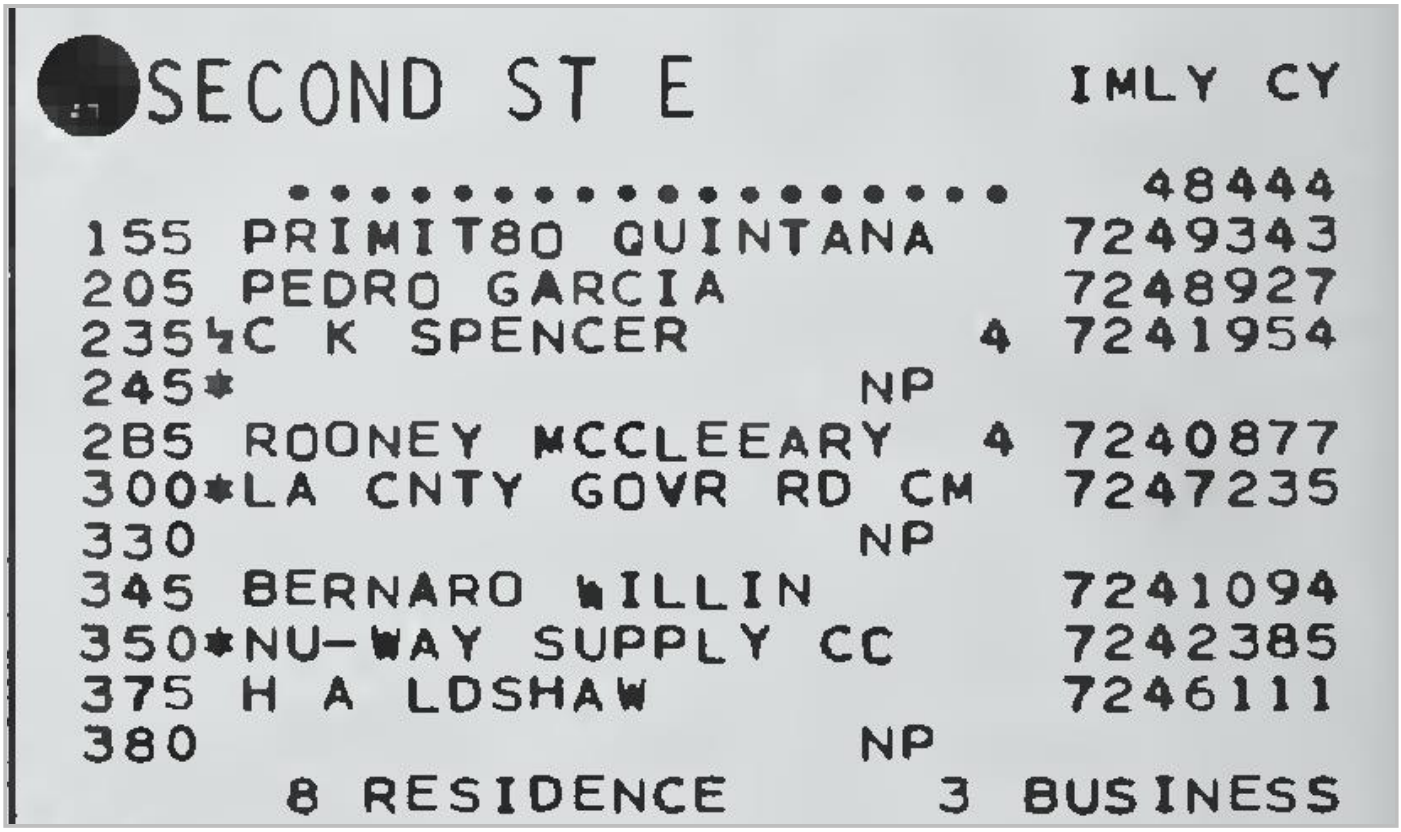
Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

E 2ND ST 1977



SECOND ST E IMLY CY

			48444
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205	PEDRO GARCIA		7248927
235½	C K SPENCER	4	7241954
245*		NP	
285	ROONEY MCCLEEARY	4	7240877
300*	LA CNTY GOVR RD CM		7247235
330		NP	
345	BERNARO WILLIN		7241094
350*	NU-WAY SUPPLY CC		7242385
375	H A LDSHAW		7246111
380		NP	

8 RESIDENCE 3 BUSINESS

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

E 3RD ST 1977



THIRD ST E IMLY CY

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

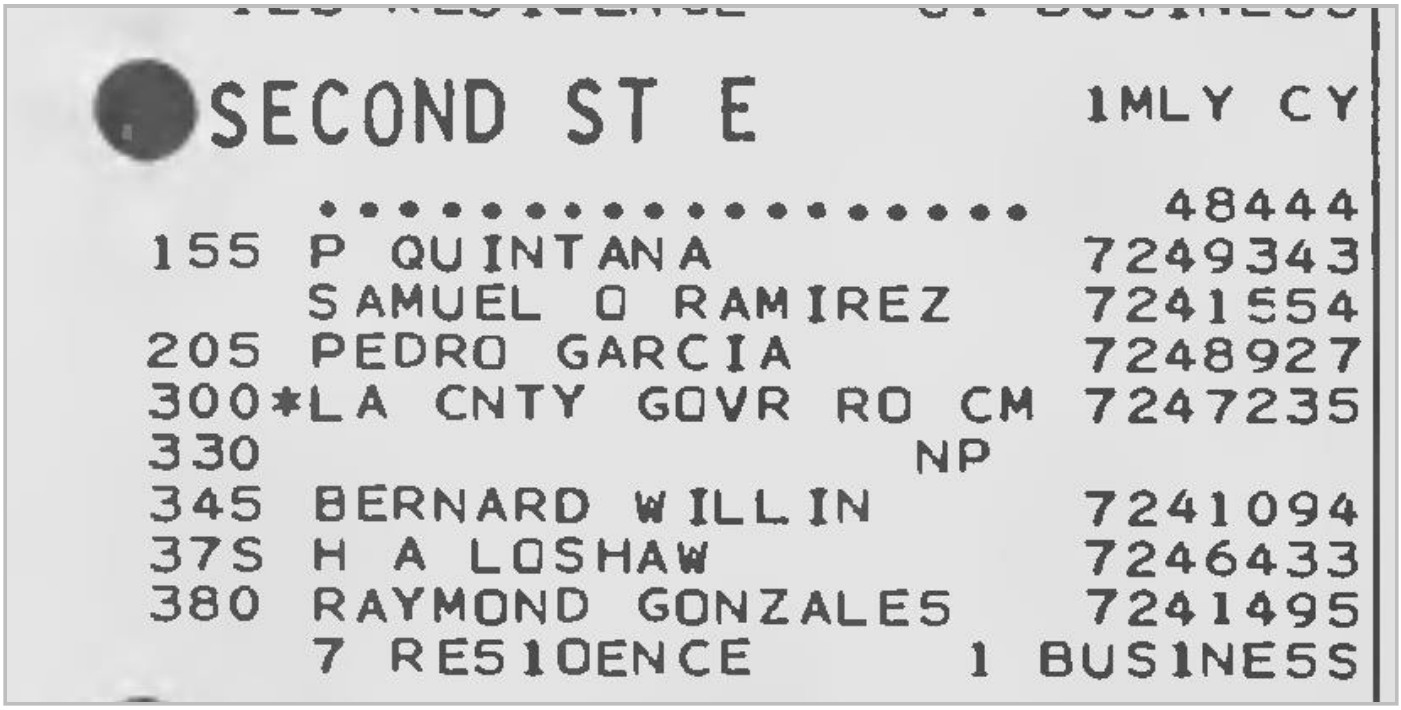
Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

E 3RD ST 1977



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

E 2ND ST 1974

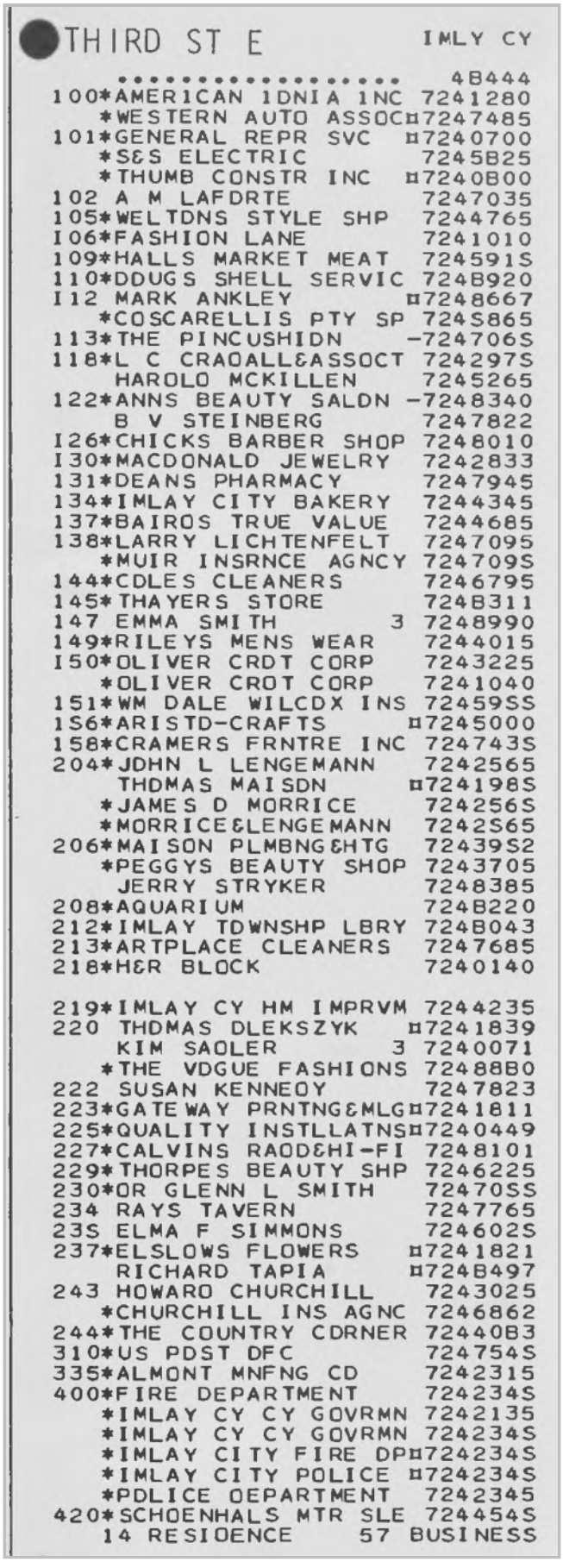


SECOND ST E 1MLY CY

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

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

E 3RD ST 1974



THIRD ST E IMLY CY

4B444
100*AMERICAN INDIA INC 7241280
*WESTERN AUTO ASSOC¤7247485
101*GENERAL REPR SVC ¤7240700
*S&S ELECTRIC 7245825
*THUMB CONSTR INC ¤7240800
102 A M LAFORTE 7247035
105*WELTONS STYLE SHP 7244765
106*FASHION LANE 7241010
109*HALLS MARKET MEAT 7245915
110*DOUGS SHELL SERVIC 7248920
112 MARK ANKLEY ¤7248667
*COSCARELLIS PTY SP 7245865
113*THE PINCUSHION -7247065
118*L C CRAGALL&ASSOCT 7242975
HAROLD MCKILLEN 7245265
122*ANNS BEAUTY SALON -7248340
B V STEINBERG 7247822
126*CHICKS BARBER SHOP 7248010
130*MACDONALD JEWELRY 7242833
131*DEANS PHARMACY 7247945
134*IMLAY CITY BAKERY 7244345
137*BAIROS TRUE VALUE 7244685
138*LARRY LICHTENFELT 7247095
*MUIR INSRNCE AGNCY 7247095
144*COLES CLEANERS 7246795
145*THAYERS STORE 7248311
147 EMMA SMITH 3 7248990
149*RILEYS MENS WEAR 7244015
150*OLIVER CRDT CORP 7243225
*OLIVER CROT CORP 7241040
151*WM DALE WILCOX INS 7245955
156*ARISTO-CRAFTS ¤7245000
158*CRAMERS FRNTRE INC 7247435
204*JOHN L LENGEMANN 7242565
THOMAS MAISON ¤7241985
*JAMES D MORRICE 7242565
*MORRICE&LENGEMANN 7242565
206*MAISON PLMBNG&HTG 7243952
*PEGGYS BEAUTY SHOP 7243705
JERRY STRYKER 7248385
208*AQUARIUM 7248220
212*IMLAY TOWNSHP LBRY 7248043
213*ARTPLACE CLEANERS 7247685
218*H&R BLOCK 7240140

219*IMLAY CY HM IMPRVM 7244235
220 THOMAS OLEKSZYK ¤7241839
KIM SADLER 3 7240071
*THE VOGUE FASHIONS 72488B0
222 SUSAN KENNEDY 7247823
223*GATEWAY PRNTNG&MLG¤7241811
225*QUALITY INSTLLATNS¤7240449
227*CALVINS RADO&HI-FI 7248101
229*THORPES BEAUTY SHP 7246225
230*DR GLENN L SMITH 7247055
234 RAYS TAVERN 7247765
235 ELMA F SIMMONS 7246025
237*ELSLOWS FLOWERS ¤7241821
RICHARD TAPIA ¤7248497
243 HOWARD CHURCHILL 7243025
*CHURCHILL INS AGNC 7246862
244*THE COUNTRY CORNER 7244083
310*US POST OFC 7247545
335*ALMONT MNFNG CO 7242315
400*FIRE DEPARTMENT 7242345
*IMLAY CY CY GOVRMN 7242135
*IMLAY CY CY GOVRMN 7242345
*IMLAY CITY FIRE DP¤7242345
*IMLAY CITY POLICE ¤7242345
*POLICE DEPARTMENT 7242345
420*SCHOENHALS MTR SLE 7244545
14 RESIDENCE 57 BUSINESS

Appendix F

Prior Reports

Expanded Triage Program - Limited Site Investigation: Imlay City DPW, 400 East Third Street, Imlay City, Lapeer County, Michigan, Facility ID #0-0014763, dated August 25, 2015 and prepared by Mannik & Smith Group, Inc.

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

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

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

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

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

Below is a summary of samples submitted for laboratory analysis.

Sample Selection Summary

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

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 Manager

FIGURES



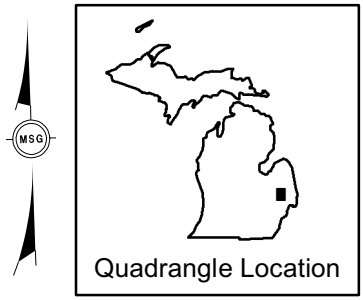
SCALE 1:24000

1 ½ 0 1 Miles

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

1 0.5 0 1 Kilometers

Contour Interval 10 Feet
National Geodetic Vertical Datum of 1929



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

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FIGURE 1

SITE LOCATION

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

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

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



Utilities Marked By MISS DIG

- E — Electric Line
- G — Gas Line
- SAN — Sanitary Sewer
- W — Water Line

Legend

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

0 30 60

Scale: 1" = 30'

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FIGURE 2

SITE SCHEMATIC

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

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

Date Saved: 7/29/2015 11:38:06 AM
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ATTACHMENT A

TRIAGE SITE INVESTIGATION LIMITATIONS

TRIAGE SITE INVESTIGATION LIMITATIONS

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

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

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

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

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

ATTACHMENT B

DAILY FIELD LOGS

TRIAGE GEOPHYSICAL SURVEY FIELD REPORT

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

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

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

Summary of Work Performed / Field Notes:

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

Pre-Survey Instructions

☐ Access Requirements / Notifications / Contacts

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

Site Review	**Site Plan**
☒ Structures present at indicated locations	☐ Fuel System (UST / Fill Ports / Vent Piping)
☒ Business type: Sign Shop ☐ Active ☒ Inactive	☒ Monitor Wells
☐ Pavement / surface cover areas	☐ Obstacles (Debris Piles/ Dumpsters / Equipment)
Utilities Marked On-Site (MISSDIG):	☐ Surface Cover (Gravel / Asphalt / Cement)
☒Electric / ☐Fiber-Optic (Telephone) / ☒Gas / ☐Storm / ☒Sanitary / ☒Water / ☐Other_____	

Geophysical Survey	**GPS Survey**
☒ Layout survey area in accordance with SPM designated area (plus buffer if appropriate)	☒ Set PK Nails (3 nails)
☐ Conduct EM Survey – Mark anomalies on ground	☒ Survey Benchmarks visible on aerial photo (at least 3 items)
☒ Conduct GPR Survey – Mark anomalies on ground	☒ Survey Site Features
☒ Indicate Areas of GPR signal interference or lack of coverage	☒ Survey MISSDIG Markings
☒ Note GPR survey methodology as recorded grid (preferred) with file name or TerraSearch walk over	☒ Survey Geophysical Anomalies

Unit	File Name	Mode	Antenna	Line or Area Description
		TS	400	

Results Map	**Photos**	**Office**
☒Anomalies (GPR / EM) – description and approximate depth Typical Descriptions: -No Anomalies found.	☒Overall Site ☒Site Features ☒MISSDIG Markings ☒Marked Anomalies ☒Photolog (on back)	☒Download photographs ☐Download GPR Data ☐Download GPS Data ☐Legible Field Report and Survey Results Sketch (Scan then promptly return to Project Coordinator)

TRIAGE GEOPHYSICAL SURVEY FIELD REPORT

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

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

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

DAILY FIELD REPORT

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

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

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

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

Work Performed or in Progress/Comments/Other Observations:

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

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

CONTRACTORS INFORMATION

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

Subcontractor:	Personnel & Type:	Equipment Type & Hours:

Reviewed By: _____

CONTRACT ITEMS AS CONSTRUCTED

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

Reviewed By: _____

DAILY FIELD REPORT

Client: MDTMB

Project: Imlay City DPW

Project No: DTMB0256

Date: 7/15/15

Report No.: 2

Day: ~~Tues~~ Wednesday

MSG Personnel: ACW/MCW

Project Manager:

MSG Hours On-Site: ~4

		(AM)	(PM)
Temp:		70's	70's
Weather:		Sun	Sun
Precip:		—	—

Work Performed or in Progress/Comments/Other Observations:

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

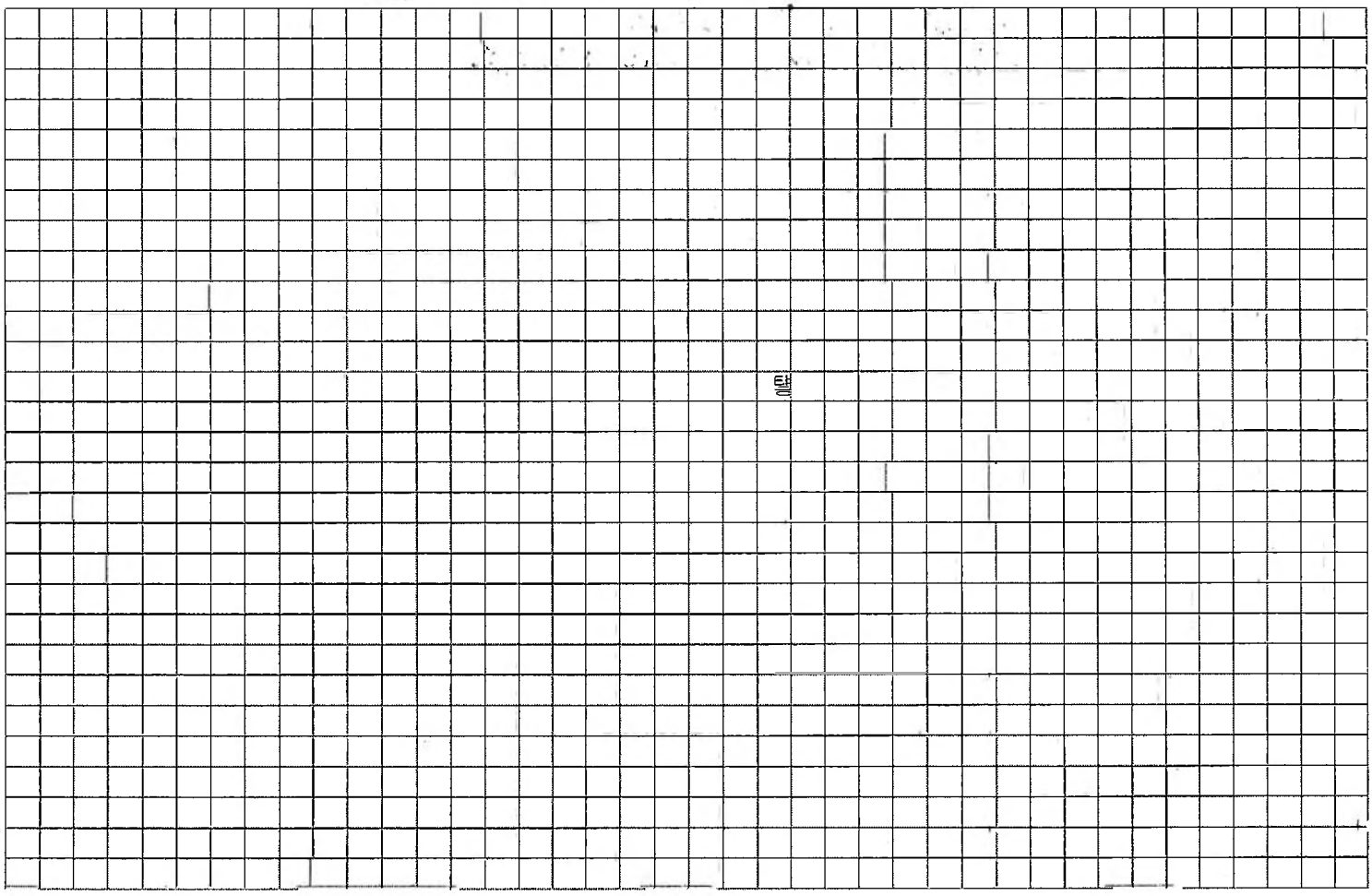
CONTRACTORS INFORMATION

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

Subcontractor:	Personnel & Type:	Equipment Type & Hours:

Reviewed By: _____

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



Reviewed By: _____

ATTACHMENT C

SOIL BORING LOGS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

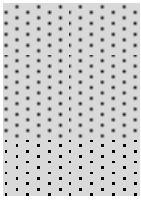
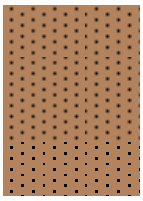
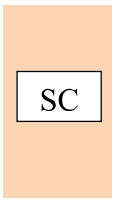
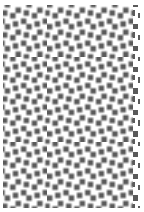
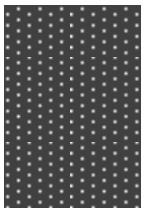
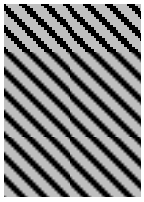
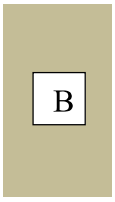
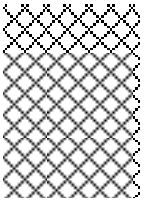
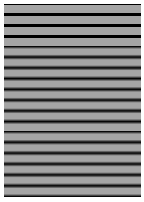
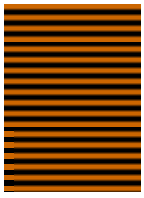
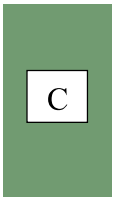
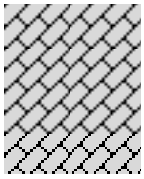
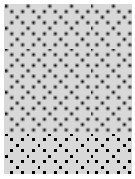
Elev. Datum: NGVD	**Lat**: 43° 1' 24.412" N
Grd. Elev: NA **T.O.C**.: NA	**Long**: 83° 4' 20.708" W
GW Encountered: 19ft bgl **Well Depth**: NA	**Coord. Sys**: Michigan Geo Ref (m)
Casing Type: NA	**Northing**: 278945.01
Screen Type: NA	**Easting**: 738358.62
Annulus sealed by: SC = Soil Cuttings 25-0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

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

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

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

Patterns:

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

ATTACHMENT D

PHOTOLOG

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



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



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



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



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



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



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

ATTACHMENT E

LABORATORY CHAIN OF CUSTODY

DimB0256

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

Goldenrod
Page 1 of 2

LAB ORDER # 1507190

MATRIX=SEDIMENT/SOIL/SOLIDS

SITE CODE NUMBER	SITE NAME			ACCEPT HT CODES? YES / NO If yes, which parameters?
01099999	SWET - Imlay City DPW			
DIVISION	**DISTRICT/OFFICE**	**MDEQ PROJECT MANAGER**	**E-MAIL ADDRESS**	**PHONE**
RRD	Gaylord Office	Randy Rothe	rother@michigan.gov	9897053416

PRIMARY CONTACT PERSON	CONTRACT FIRM NAME (if applicable)	PHONE	AY: 13	INDEX: 44213	PCA: 30822
Erin Hall	Mannik and Smith Group	734-397-3100	PROJECT: 550518	PH: 00	

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

COLLEC. PHONE: 734-397-3100

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

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

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

ORGANIC

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

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

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

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

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

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

INORGANIC

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

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

↓Circle Requested Metal and Corresponding Sample No.↓

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

Ca Mg K Na 1 2 3 4 5 6 7 8 9 10

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

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

Chain-of-Custody

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

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

Goldenrod
Page 2 of 2

LAB ORDER # 1507190

MATRIX=SEDIMENT/SOIL/SOLIDS

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

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

PRIMARY CONTACT PERSON	CONTRACT FIRM NAME (if applicable)	PHONE	AY: 13 INDEX: 44213 PCA: 30822
Erin Hall	Mannik and Smith Group	734-397-3100	PROJECT: 550518 PH: 00

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

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

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

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

ORGANIC

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

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

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

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

GENERAL CHEMISTRY

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

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

INORGANIC

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

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

↓Circle Requested Metal and Corresponding Sample No.↓

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

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

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

Chain-of-Custody

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

Revised July 2012

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

White

LAB WORK ORDER # 1507189

MATRIX=WATER

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

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

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

AY: 14 INDEX: 44213 PCA: 30822

PROJECT: 550518 PH: 00

OVERFLOW LAB (Required)

1ST CHOICE: ACS 2ND CHOICE: Test America

COLLECTED BY: PHONE:

E-MAIL ADDRESSES TO SEND ADDITIONAL REPORTS TO:

1.) lebreague@michigan.gov

2.) dcapone@mannikandsmithgroup.com

****** SAFETY INFORMATION REQUIRED ******

SEE BACK OF FORM

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

ORGANIC

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

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

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

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

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

GENERAL CHEMISTRY

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

INORGANIC

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

INORGANIC

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

↓Circle Metal and Corresponding Sample No. Below↓

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

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

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

↓Circle Metal and Corresponding Sample No. Below↓

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

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

Chain-of-Custody

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

Michigan Department of Environmental Quality Analytical Testing Report

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

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

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

Grey indicates contaminant was detected.
Yellow indicates contaminant exceeds DWPC.
Blue indicates contaminant exceeds GSIPC.
Green indicates contaminant exceeds both DWPC and GSIPC.
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:	1507189
Report Date:	8/6/2015 16:17
Client:	MDEQ-RRD-GAYLORD
Attention:	Randy Rothe
Project Name:	SWET-IMLAY CITY DPW
Project Number:	1099999

Sample Number								1507189-01	1507189-02	1507189-03	1507189-04	1507189-05	1507189-06	1507189-07
Sample ID								SB-02 (19'-24')W	DUP-1W	Trip Blank	SB-03 (19'-24')W	SB-05 (19'-24')W	SB-07 (19'-24')W	SB-08 (19'-24')W
Sample Depth														
Date Collected			Target Detection Limit (TDL)	Drinking Water Criteria (DWC)	Groundwater Surface Water Interface Criteria (GSIC)	Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIIC)	Rule 57 Final Acute Value (FAV)	7/15/2015	7/15/2015	7/6/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015
Date Received								7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015	7/16/2015
Analyte	Units	Method	Organics-Volatiles											
1,1,1,2-Tetrachloroethane	ug/L	8260	1	77	ID	15,000	ID	<100	<100	<1.0	<10	<10	<100	<100
1,1,1-Trichloroethane	ug/L	8260	1	200	89	660,000	1,600	<100	<100	<1.0	<10	<10	<100	<100
1,1,2,2-Tetrachloroethane	ug/L	8260	1	9	78	12,000	1,800	<100	<100	<1.0	<10	<10	<100	<100
1,1,2-Trichloroethane	ug/L	8260	1	5	330	17,000	6,400	<100	<100	<1.0	<10	<10	<100	<100
1,1-Dichloroethane	ug/L	8260	1	880	740	1,000,000	13,000	<100	<100	<1.0	<10	<10	<100	<100
1,1-Dichloroethylene	ug/L	8260	1	7	130	200	2,300	<100	<100	<1.0	<10	<10	<100	<100
1,2,3-Trichlorobenzene	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	<50	<50	<500	<500
1,2,3-Trichloropropane	ug/L	8260	1	42	NA	8,300	NA	<100	<100	<1.0	<10	<10	<100	<100
1,2,3-Trimethylbenzene	ug/L	8260	NA	NA	NA	NA	NA	340	470	<1.0	94	77	680	740
1,2,4-Trichlorobenzene	ug/L	8260	5	70	99	300,000	850	<500	<500	<5.0	<50	<50	<500	<500
1,2,4-Trimethylbenzene	ug/L	8260	1	63	17	56,000	310	1,400	1,800	<1.0	640	460	2,500	2,800
1,2-Dibromo-3-chloropropane	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	<50	<50	<500	<500
1,2-Dibromoethane	ug/L	8260	0	0	6	2,400	280	<100	<100	<1.0	<10	<10	<100	<100
1,2-Dichlorobenzene	ug/L	8260	1	600	13	160,000	240	<100	<100	<1.0	<10	<10	<100	<100
1,2-Dichloroethane	ug/L	8260	1	5	360	9,600	16,000	<100	<100	<1.0	<10	<10	<100	<100
1,2-Dichloropropane	ug/L	8260	1	5	230	16,000	4,000	<100	<100	<1.0	<10	<10	<100	<100
1,3,5-Trimethylbenzene	ug/L	8260	1	72	45	61,000	810	370	480	<1.0	270	170	670	720
1,3-Dichlorobenzene	ug/L	8260	1	7	28	18,000	200	<100	<100	<1.0	<10	<10	<100	<100
1,4-Dichlorobenzene	ug/L	8260	1	75	17	16,000	210	<100	<100	<1.0	<10	<10	<100	<100
2-Butanone (MEK)	ug/L	8260	25	13,000	2,200	240,000,000	40,000	<500	<500	8.7	<50	<50	<500	<500
2-Hexanone	ug/L	8260	50	1,000	ID	4,200,000	ID	<500	<500	<5.0	<50	<50	<500	<500
2-Methylnaphthalene	ug/L	8260	5	260	19	25,000	340	<500	<500	<5.0	52	130	<500	<500
2-Propanone (acetone)	ug/L	8260	50	730	1,700	1,000,000,000	30,000	<2000	<2000	25	<200	<200	<2000	<2000
4-Methyl-2-pentanone (MIBK)	ug/L	8260	50	1,800	ID	20,000,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Acrylonitrile	ug/L	8260	2	3	2	34,000	1,200	<500	<500	<5.0	<50	<50	<500	<500
Benzene	ug/L	8260	1	5	200	5,600	1,900	680	810	<1.0	36	24	190	200
Bromobenzene	ug/L	8260	1	18	NA	180,000	NA	<100	<100	<1.0	<10	<10	<100	<100
Bromochloromethane	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
Bromodichloromethane	ug/L	8260	1	80	ID	4,800	ID	<100	<100	<1.0	<10	<10	<100	<100
Bromoform	ug/L	8260	1	80	ID	470,000	ID	<100	<100	<1.0	<10	<10	<100	<100
Bromomethane	ug/L	8260	5	10	35	4,000	640	<500	<500	<5.0	<50	<50	<500	<500
Carbon disulfide	ug/L	8260	5	800	ID	250,000	ID	<100	<100	<1.0	<10	<10	<100	<100
Carbon tetrachloride	ug/L	8260	1	5	45	370	1,400	<100	<100	<1.0	<10	<10	<100	<100
Chlorobenzene	ug/L	8260	1	100	25	210,000	450	<100	<100	<1.0	<10	<10	<100	<100
Chloroethane	ug/L	8260	5	430	1,100	5,700,000	20,000	<500	<500	<5.0	<50	<50	<500	<500
Chloroform	ug/L	8260	1	80	350	28,000	11,000	<100	<100	<1.0	<10	<10	<100	<100
Chloromethane	ug/L	8260	5	260	ID	8,600	ID	<500	<500	<5.0	<50	<50	<500	<500
cis-1,2-Dichloroethylene	ug/L	8260	1	70	620	93,000	11,000	<100	<100	<1.0	<10	<10	<100	<100
cis-1,3-Dichloropropylene	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
Cyclohexane	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	120	74	<500	<500
Dibromochloromethane	ug/L	8260	5	80	ID	14,000	ID	<100	<100	<1.0	<10	<10	<100	<100
Dibromomethane	ug/L	8260	5	80	NA	ID	NA	<100	<100	<1.0	<10	<10	<100	<100
Dichlorodifluoromethane	ug/L	8260	5	1,700	ID	220,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Diethyl ether	ug/L	8260	10	10	ID	61,000,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Diisopropyl Ether	ug/L	8260	5	30	ID	8,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Ethylbenzene	ug/L	8260	1	74	18	110,000	320	1,400	2,100	<1.0	260	210	2,900	3,200
Ethyltertiarybutylether	ug/L	8260	5	49	ID	2,900,000	ID	<500	<500	<5.0	<50	<50	<500	<500
Hexachloroethane	ug/L	8260	5	7	7	27,000	210	<500	<500	<5.0	<50	<50	<500	<500
Isopropylbenzene	ug/L	8260	5	800	28	56,000	500	<100	<100	<1.0	32	23	<100	99
m & p - Xylene	ug/L	8260	NA	NA	NA	NA	NA	5,700	7,800	<2.0	1,000	850	12,000	13,000
Methyl iodide	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
Methylene chloride	ug/L	8260	5	5	1,500	220,000	17,000	<500	<500	<5.0	<50	<50	<500	<500
Methyltertiarybutylether	ug/L	8260	5	40	7,100	47,000,000	420,000	<100	<100	<1.0	<10	<10	<100	<100
Naphthalene	ug/L	8260	5	520	11	31,000	200	<500	<500	<5.0	59	71	<500	<500
n-Butylbenzene	ug/L	8260	1	80	ID	ID	ID	<100	<100	<1.0	<10	<10	<100	<100
n-Propylbenzene	ug/L	8260	1	80	ID	ID	ID	150	180	<1.0	100	67	270	310
o-Xylene	ug/L	8260	NA	NA	NA	NA	NA	2,200	2,800	<1.0	360	310	3,000	3,200
p-Isopropyl toluene	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	10	<10	<100	<100
sec-Butylbenzene	ug/L	8260	1	80	ID	ID	ID	<100	<100	<1.0	15	10	<100	<100
Styrene	ug/L	8260	1	100	80	170,000	2,900	<100	<100	<1.0	<10	<10	<100	<100
tert-Butylbenzene	ug/L	8260	1	80	ID	ID	ID	<100	<100	<1.0	<10	<10	<100	<100
tertiary Butyl Alcohol	ug/L	8260	50	3,900	NA	1,000,000,000	NA	<5000	<5000	<50	<500	<500	<5000	<5000
tertiaryAmylmethylether	ug/L	8260	5	190	NA	260,000	NA	<500	<500	<5.0	<50	<50	<500	<500
Tetrachloroethylene	ug/L	8260	1	5	60	25,000	2,900	<100	<100	<1.0	<10	<10	<100	<100
Tetrahydrofuran	ug/L	8260	90	95	11,000	6,900,000	150,000	<500	<500	<5.0	<50	<50	<500	<500
Toluene	ug/L	8260	1	790	270	530,000	2,600	5,000	4,300	<1.0	670	510	850	870
trans-1,2-Dichloroethylene	ug/L	8260	1	100	1,500	85,000	28,000	<100	<100	<1.0	<10	<10	<100	<100
trans-1,3-Dichloropropylene	ug/L	8260	NA	NA	NA	NA	NA	<100	<100	<1.0	<10	<10	<100	<100
trans-1,4-Dichloro-2-butene	ug/L	8260	NA	NA	NA	NA	NA	<500	<500	<5.0	<50	<50	<500	<500
Trichloroethylene	ug/L	8260	1	5	200	2,200	3,500	<100	<100	<1.0	<10	<10	<100	<100
Trichlorofluoromethane	ug/L	8260	1	2,600	NA	1,100,000	NA	<100	<100	<1.0	<10	<10	<100	<100
Vinyl chloride	ug/L	8260	1	2	13	1,100	17,000	<100	<100	<1.0	<10	<10	<100	<100

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

Triage Schedule of Values

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

Site Name: Imlay City DPW
MSG Project Number: DTMB0256

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

Facility ID: 14763
District: Lansing

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

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

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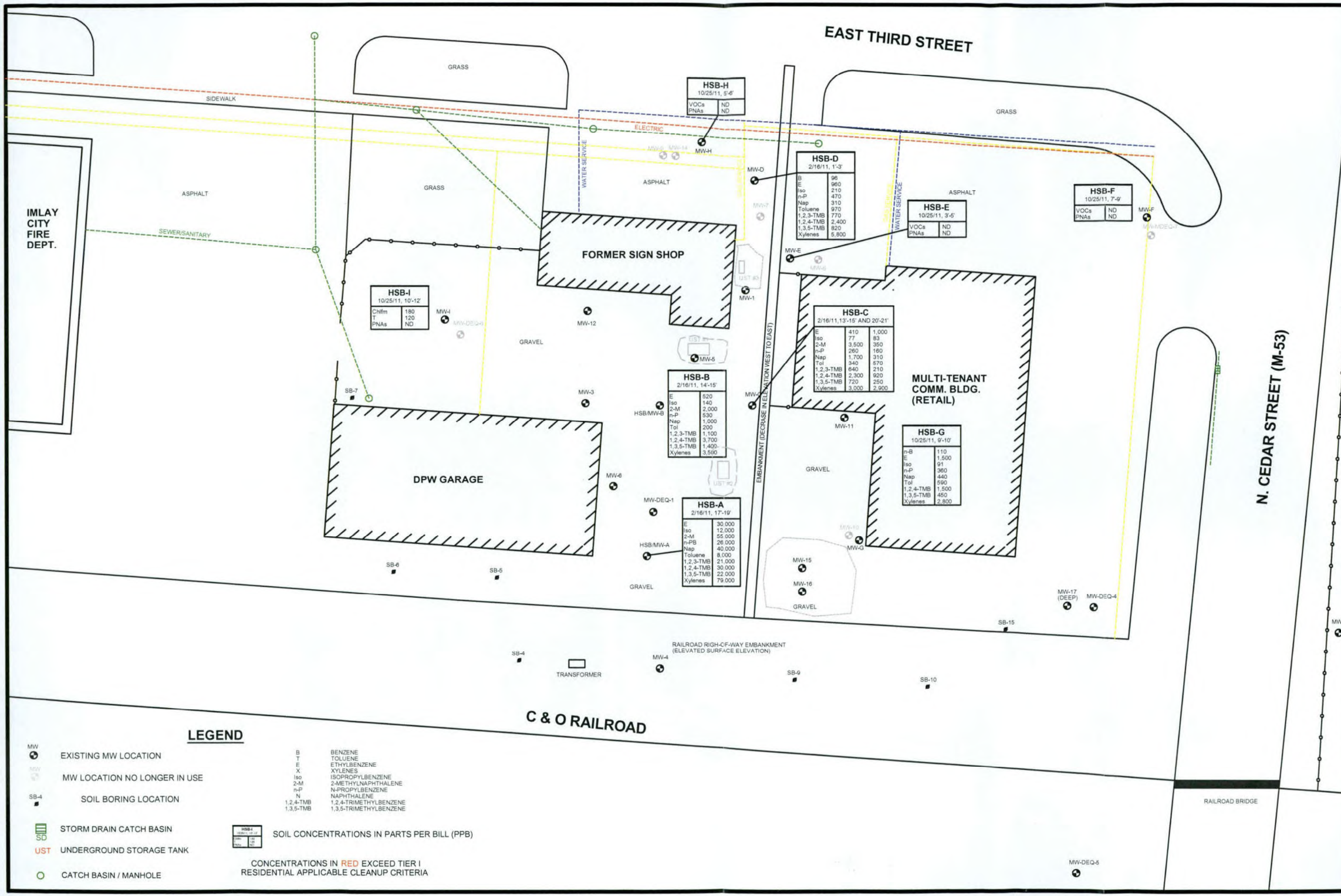
LANSING DISTRICT OFFICE

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



Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

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

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

FIGURE 4

EAST THIRD STREET

N. CEDAR STREET (M-53)

IMLAY CITY FIRE DEPT.

ASPHALT

GRASS

SIDEWALK

SEWER/SANITARY

ELECTRIC

WATER SERVICE

FORMER SIGN SHOP

GRAVEL

DPW GARAGE

MULTI-TENANT COMM. BLDG. (RETAIL)

EMBANKMENT (DECREASING IN ELEVATION WEST TO EAST)

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

TRANSFORMER

C & O RAILROAD

RAILROAD BRIDGE

MW-H 10/27/11	
E	1.9
T	14
123	1.9
124	8.5
135	2.3
X	25

MW-D 10/27/11	
B	1.4
s-B	1.1
E	2.1
T	10
123	2.8
124	11
135	3.6
X	23

MW-E 10/27/11	
E	1.2
T	5.9
124	2.6
X	8.5

MW-F 10/28/11	
T	23

MW-I 10/27/11	
VOCs	ND
PNAs	ND

MW-12 10/26/11	
E	1.4
T	3.4
123	1.6
124	7.1
135	2.2
X	9.7

MW-3 10/26/11	
E	1.8
T	4.8
124	3.4
135	1.3
X	10

MW-B 10/27/11	
VOCs	ND

MW-5 10/26/11	
B	9.4
n-B	5.9
s-B	6.7
E	48
Iso	6.4
4-I	9.1
2-M	15
N	20
n-P	23
S	2.8
T	130
123	47
124	230
135	64
X	360

MW-1 10/27/11	
B	2.0
n-B	6.8
s-B	5.6
E	37
Iso	6.4
4-I	5.9
2-M	17
N	27
n-P	23
T	21
123	49
124	210
135	100
X	140

MW-11 10/28/11	
B	1,100
n-B	13
s-B	9.0
E	760
Iso	70
4-I	5.5
N	410
n-P	200
S	11
T	960
123	340
124	580
135	280
X	2,200

MW-C 10/27/11	
B	310
n-B	14
s-B	10
E	540
Iso	67
4-I	6.2
2-M	82
N	220
n-P	150
T	810
123	270
124	560
135	210
X	1,700

MW-6 10/26/11	
E	9.5
2-M	9.9
N	18
n-P	3.5
T	15
123	7.4
124	33
135	9.0
X	67

MW-DEQ-1 10/26/11	
B	9.2
s-B	8.5
E	110
Iso	20
4-I	8.7
2-M	81
N	76
n-P	57
T	17
123	280
124	500
135	270
X	610

MW-A 10/26/11	
B	3.8
n-B	41
s-B	23
E	450
Iso	75
4-I	13
2-M	290
N	350
n-P	190
S	6.7
T	200
123	280
124	470
135	280
X	1,400

MW-DEQ-2 10/26/11	
B	470
n-B	18
s-B	11
E	720
Iso	72
4-I	9.2
2-M	320
N	460
n-P	170
T	1,600
123	340
124	540
135	320
X	2,400

MW-15 10/28/11	
B	12
E	5.9
T	1.4
124	1.4
X	4.2

MW-G 10/28/11	
B	400
E	670
Iso	21
N	90
n-P	49
T	860
123	79
124	350
135	83
X	1,600

MW-DEQ-4 10/28/11	
B	52
E	29
T	5.3
124	3.5
135	8.1
X	71

MW-17 10/28/11	
VOCs	ND
PNAs	ND

MW-13 10/28/11	
VOCs	ND
PNAs	ND

MW-4 10/27/11	
VOCs	ND
PNAs	ND

MW-DEQ-5 10/28/11	
VOCs	ND
PNAs	ND

LEGEND

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

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

HSB-I (10/26/11) — SAMPLE CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

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

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

FIGURE
5a

EAST THIRD STREET

N. CEDAR STREET (M-53)

GRASS

SIDEWALK

ELECTRIC

WATER SERVICE

ASPHALT

IMLAY CITY FIRE DEPT.

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MULTI-TENANT COMM. BLDG. (RETAIL)

DPW GARAGE

EMBANKMENT (DECREASE IN ELEVATION WEST TO EAST)

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

TRANSFORMER

C & O RAILROAD

RAILROAD BRIDGE

UST #1

UST #2

UST #3

UST #4

UST #5

NEW MW-3

MW-H 1/23/12

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

MW-D 1/23/12

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

MW-E 1/17/12

VOCs	ND

MW-F 1/17/12

T	3.2
124	2.1
X	4.1

MW-I 1/23/12

VOCs	ND

MW-12 1/17/12

VOCs	ND

MW-3 1/17/12

VOCs	ND

MW-1 1/17/12

B	1.3
n-B	3.9
s-B	4.9
E	32
Iso	4.6
4-I	2.8
2-M	14
N	22
n-P	17
T	46
123	48
124	190
135	72
X	160

MW-5 1/17/12

B	21
n-B	6
s-B	39
E	6.2
Iso	8
4-I	23
n-P	63
T	40
123	220
124	61
135	260
X	

MW-B 1/23/12

E	1.1
124	3.7
135	2.2
X	7.3

MW-6 1/23/12

124	2.9

MW-C 1/23/12

B	400
n-B	4.9
s-B	5.7
E	310
4-I	21
2-M	45
N	99
n-P	39
T	930
123	99
124	380
135	84
X	1600

MW-11 1/23/12

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

MW-A 1/23/12

B	4.5
n-B	26
s-B	14
E	980
Iso	69
4-I	9.1
2-M	370
N	330
n-P	170
S	10
T	87
123	370
124	850
135	840
X	3400

MW-DEQ-1 1/17/12

B	4.2
n-B	10
s-B	11
E	120
Iso	24
4-I	10
2-M	8.6
N	35
n-P	77
T	7.8
123	310
124	660
135	310
X	820

MW-DEQ-2 1/17/12

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

MW-4 1/23/12

E	3.8
T	2.7
124	2.5
X	14

MW-15 1/23/12

B	200
n-B	9.8
E	250
Iso	3.1
N	7.4
T	23
123	3.5
124	24
X	210

MW-16 1/23/12

VOCs	ND

MW-G 1/23/12

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

MW-17 1/17/12

VOCs	ND

MW-17 (DEEP)

MW-DEQ-4 1/17/12

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

MW-13 1/17/12

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

MW-DEQ-5 1/17/12

VOCs	ND

LEGEND

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

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

HSB-4 (VAPOR) 1/17 — Toluene 2.7 — MW 2.5 — Xylene 14

SAMPLE CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

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

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

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

HURON CONSULTANTS

FIGURE 5b

EAST THIRD STREET

N. CEDAR STREET (M-53)

C & O RAILROAD

IMLAY CITY FIRE DEPT.

DPW GARAGE

FORMER SIGN SHOP

MULTI-TENANT COMM. BLDG. (RETAIL)

GRASS

ASPHALT

GRAVEL

SIDEWALK

ELECTRIC

WATER SERVICE

SEWER/SANITARY

EMBANKMENT (DECRASE IN ELEVATION WEST TO EAST)

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

TRANSFORMER

RAILROAD BRIDGE

MW-H	4/4/12
VOCs	ND

MW-D	4/4/12
B	4.7
Iso	1.1
T	1.6
123	1.1
124	3.2
135	1.5

MW-E	4/3/12
E	1.1
T	2.7
123	1.8
124	6.7
135	2.3
X	6.1

MW-F	4/3/12
VOCs	ND

MW-I	4/2/12
VOCs	ND

MW-12	4/2/12
VOCs	ND

MW-1	4/2/12
B	2.4
n-B	2.4
s-B	27
E	2.6
Iso	1.6
4-Iso	41
N	38
n-P	9
T	46
123	23
124	93
135	40
X	120

MW-3	4/2/12
VOCs	ND

MW-5	4/4/12
B	24
s-B	3.3
E	18
Iso	3.1
4-I	5.7
n-P	8
T	120
123	31
124	140
135	55
X	290

MW-B	4/2/12
X	5

MW-C	4/4/12
B	130
n-B	5.4
s-B	4.9
E	330
Iso	37
4-I	3.9
2-M	21
N	120
n-P	62
T	460
123	160
124	460
135	94
X	1100

MW-11	4/3/12
B	540
n-B	14
s-B	9.4
E	600
Iso	64
4-I	5.7
N	330
n-P	150
T	950
123	320
124	600
135	260
X	1600

MW-6	4/4/12
VOCs	ND

MW-DEQ-1	4/2/12
n-B	4.6
s-B	4.8
E	31
Iso	8.6
4-I	4.5
2-M	42
N	24
n-P	23
T	2.4
123	120
124	290
135	79
X	120

MW-A	4/2/12
B	1.9
n-B	29
s-B	15
E	510
Iso	73
4-I	11
2-M	350
N	300
n-P	160
T	41
123	370
124	650
135	340
X	1600

MW-G	4/3/12
B	26
E	42
n-P	2.5
123	3.8
124	17
135	4.3
X	65

MW-DEQ-2	4/4/12
B	380
n-B	20
s-B	11
E	670
Iso	85
4-I	9
2-M	550
N	420
n-P	150
T	1800
123	420
124	630
135	360
X	2200

MW-15	4/4/12
B	150
E	330
Iso	7.8
N	30
n-P	8.3
T	36
123	14
124	72
135	4.9
X	300

MW-17	4/3/12
E	6.4
N	13
n-P	2.5
T	9
123	7.3
124	26
135	7
X	40

MW-DEQ-4	4/3/12
E	2
n-P	1.1
T	3.6
123	2.8
124	10
135	2.9
X	11

MW-13	4/3/12
VOCs	ND

MW-16	4/3/12
E	6.6
2-M	6.2
N	2.9
n-P	1.4
T	4.7
123	12
124	18
135	5.6
X	25

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

LEGEND

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

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

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

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

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

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

FIGURE 5c

EAST THIRD STREET

N. CEDAR STREET (M-53)

IMLAY CITY FIRE DEPT.

ASPHALT

GRASS

SIDEWALK

SEWER/SANITARY

ELECTRIC

WATER SERVICE

FORMER SIGN SHOP

GRAVEL

DPW GARAGE

MULTI-TENANT COMM. BLDG. (RETAIL)

UST #3

UST #2

UST #1

EMBANKMENT (DECRASE IN ELEVATION WEST TO EAST)

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

TRANSFORMER

C & O RAILROAD

RAILROAD BRIDGE

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

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

MW-F 7/6/12	
VOCs	ND

MW-E 7/5/12	
124	4.6

MW-I 7/6/12	
VOCs	ND

MW-12 7/6/12	
VOCs	ND

MW-1 7/6/12	
n-B	5.7
s-B	3.7
E	61
Iso	9.7
4-I	3.6
2-M	59
N	49
n-P	20
T	19
123	36
124	240
135	110
X	120

MW-3 7/6/12	
VOCs	ND

MW-B 7/6/12	
B	1.3
123	3.9
124	11
135	9.1
X	25

MW-5 7/5/12	
B	14
n-B	3.9
s-B	3.5
E	430
Iso	4.0
4-I	4.8
2-M	39
n-P	12
MIK	430
T	140
123	26
124	110
135	19
X	240

MW-C 7/5/12	
B	120
n-B	4.1
s-B	3.9
E	290
Iso	32
4-I	1.9
2-M	20
N	110
n-P	52
T	430
123	130
124	380
135	59
X	940

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

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

MW-DEQ-1 7/5/12	
B	2.4
n-B	10
s-B	7.4
E	88
Iso	21
4-I	6.7
2-M	160
N	67
n-P	56
T	10
123	250
124	320
135	210
X	340

MW-A 7/5/12	
n-B	27
s-B	13
E	800
Iso	63
4-I	8.8
2-M	340
N	230
n-P	140
T	19
123	310
124	1500
135	290
X	4800

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

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

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

MW-17 7/6/12	
VOCs	ND

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

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

LEGEND

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

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

HSB-I (MW-I - 101.19' / 100.19' / 99.19' / 98.19') — SAMPLE CONCENTRATIONS IN PARTS PER BILL (PPB)

CONCENTRATIONS IN RED EXCEED TIER I RESIDENTIAL APPLICABLE CLEANUP CRITERIA

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

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

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

FIGURE
5d

EAST THIRD STREET

N. CEDAR STREET (M-53)

C & O RAILROAD

SIDEWALK

ELECTRIC SERVICE

WATER SERVICE

SEWER/SANITARY

GRASS

GRAVEL

FIRE DPT

FORMER SIGN SHOP

DPW GARAGE

MULTI-TENANT COMM. BLDG. (RETAIL)

TRANSFORMER

RAILROAD BRIDGE

MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
MW-17 (DEEP)
MW-A
MW-B
MW-C
MW-D
MW-E
MW-F
MW-G
MW-H
MW-I
MW-DEQ-1
MW-DEQ-2
MW-DEQ-4
MW-DEQ-5
MW-DEQ-7
MW-DEQ-8
NEW MW-2

LEGEND

- SOIL BORING/MONITORING WELL LOCATION
- STORM DRAIN CATCH BASIN (SD)
- APPROXIMATE STUDY PROPERTY BOUNDARY
- CATCH BASIN / MANHOLE
- APPROXIMATE GROUNDWATER FLOW DIRECTION - HURON'S 2012 OBSERVATIONS
- APPROXIMATE GROUNDWATER FLOW DIRECTION - AKT'S 2006 OBSERVATIONS

Huron Consultants

PORT HURON, MICHIGAN
CLINTON TOWNSHIP, MICHIGAN

HURON CONSULTANTS

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

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

FIGURE 6

SOIL ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water RBSLs	Groundwater Surface Water Interface RBSLs	Groundwater Contact RBSLs	Volatilization to Indoor Air Inhalation RBSLs	Volatilization to Ambient Air Inhalation RBSLs	Direct Contact RBSLs	HSB-A 17'-19' 2/16/11	HSB-B 14'-15' 2/16/11	HSB-C 13'-15' 2/16/11	HSB-C 20'-21' 2/16/11	HSB-D 1'-3' 2/16/11
VOLATILE ORGANICS											
Benzene	100	4,000	220,000	1,600	13,000	180,000	ND	ND	ND	ND	96
n-Butylbenzene	1,600	ID	120,000	ID	ID	2,500,000	ND	ND	ND	ND	ND
Chloroform	1,600	7,000	1,500,000	7,200	45,000	1,200,000	ND	ND	ND	ND	ND
Ethylbenzene	1,500	360	140,000	87,000	720,000	140,000	30,000	520	410	1,000	960
Isopropylbenzene	91,000	3,200	390,000	390,000	1,700,000,000	390,000	12,000	140	77	83	210
2-Methylnaphthalene	57,000	4,200	5,500,000	2,700,000	1,500,000	8,100,000	55,000	2,000	3,500	350	ND
n-Propyl Benzene	1,600	ID	300,000	ID	ID	2,500,000	26,000	530	260	160	470
Naphthalene	35,000	870	2,100,000	250,000	300,000	16,000,000	40,000	1,000	1,700	310	310
Toluene	16,000	5,400	250,000	250,000	2,800,000	250,000	8,000	200	340	570	970
1,2,3-Trimethylbenzene	2,100	570	110,000	110,000	21,000,000	110,000	21,000	1,100	640	210	770
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	21,000,000	110,000	30,000	3,700	2,300	920	2,400
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	16,000,000	94,000	22,000	1,400	720	250	820
Xylenes	5,600	820	150,000	150,000	46,000,000	150,000	79,000	3,500	3,000	2,900	5,800
POLYNUCLEAR AROMATICS											
Acenaphthene	300,000	8,700	970,000	190,000,000	81,000,000	41,000,000	330	ND	ND	ND	ND
Acenaphthylene	5,900	ID	440,000	1,600,000	2,200,000	1,600,000	ND	ND	ND	ND	ND
Anthracene	41,000	ID	41,000	1,000,000,000	1,000,000,000	230,000,000	ND	ND	ND	ND	ND
Benzo(a)anthracene	NLL	NLL	NLL	NLV	NLV	20,000	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NLL	NLL	NLL	ID	ID	20,000	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NLL	NLL	NLL	NLV	NLV	200,000	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NLL	NLL	NLL	NLV	800,000,000	2,500,000	ND	ND	ND	ND	ND
Benzo(a)pyrene	NLL	NLL	NLL	NLV	1,500,000	2,000	ND	ND	ND	ND	ND
Chrysene	NLL	NLL	NLL	ID	ID	2,000,000	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NLL	NLL	NLL	NLV	NLV	2,000	ND	ND	ND	ND	ND
Fluoranthene	730,000	5,500	730,000	1,000,000,000	740,000,000	46,000,000	ND	ND	ND	ND	ND
Fluorene	390,000	5,300	890,000	580,000,000	130,000,000	27,000,000	260	ND	ND	ND	ND
Phenanthrene	56,000	2,100	1,100,000	2,800,000	160,000	1,600,000	300	ND	ND	ND	ND
Pyrene	480,000	ID	480,000	1,000,000,000	650,000,000	29,000,000	ND	ND	ND	ND	ND

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

SOIL ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

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

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-1				MW-3				MW-4			
					10/27/11	1/17/12	4/2/2012	7/5/12	10/26/11	1/17/12	4/2/12	7/6/12	10/27/11	1/23/12	4/4/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	2.0	1.3	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
n-Butylbenzene	80	ID	ID	5,900	6.8	3.9	2.4	5.7	ND	ND	ND	ND	ND	ND	NS	NS
sec-Butylbenzene	80	ID	ID	4,400	5.6	4.9	2.4	3.7	ND	ND	ND	ND	ND	ND	NS	NS
Ethylbenzene	74	18	110,000	170,000	37	32	27	61	1.8	ND	ND	ND	ND	3.8	NS	NS
Isopropylbenzene	800	28	56,000	56,000	6.4	4.6	2.6	9.7	ND	ND	ND	ND	ND	ND	NS	NS
4-Isopropyltoluene	ID	ID	ID	ID	5.9	2.8	1.6	3.6	ND	ND	ND	ND	ND	ND	NS	NS
2-Methylnaphthalene	260	19	25,000	25,000	17	14	41	59	ND	ND	ND	ND	ND	ND	NS	NS
Naphthalene	520	11	31,000	31,000	27	22	38	49	ND	ND	ND	ND	ND	ND	NS	NS
n-Propylbenzene	80	ID		15,000	23	17	9	20	ND	ND	ND	ND	ND	ND	NS	NS
Styrene	100	80	170,000	9,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
Toluene	790	270	530,000	530,000	21	46	46	19	4.8	ND	ND	ND	ND	2.7	NS	NS
1,2,3-Trimethylbenzene	63	17	56,000	56,000	49	48	23	36	ND	ND	ND	ND	ND	ND	NS	NS
1,2,4-Trimethylbenzene	63	17	56,000	56,000	210	190	93	240	3.4	ND	ND	ND	ND	2.5	NS	NS
1,3,5-Trimethylbenzene	72	45	61,000	61,000	100	72	40	110	1.3	ND	ND	ND	ND	ND	NS	NS
Xylenes	280	41	190,000	190,000	140	160	120	120	10	ND	ND	ND	ND	14	NS	NS

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-5				MW-6				MW-11			
					10/26/11	1/17/12	4/4/12	7/5/12	10/26/11	1/23/12	4/2/12	7/9/12	10/28/11	1/23/12	4/3/12	7/9/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	9.4	21	24	14	ND	ND	ND	ND	1,100	12	540	990
n-Butylbenzene	80	ID	ID	5,900	5.9	ND	ND	3.9	ND	ND	ND	ND	13	ND	14	ND
sec-Butylbenzene	80	ID	ID	4,400	6.7	6.0	3.3	3.5	ND	ND	ND	ND	9.0	ND	9.4	ND
Ethylbenzene	74	18	110,000	170,000	48	39	18	44	9.5	ND	ND	10	760	9.8	600	1,200
Isopropylbenzene	800	28	56,000	56,000	6.4	6.2	3.1	4.0	ND	ND	ND	ND	70	ND	64	43
4-Isopropyltoluene	ID	ID	ID	ID	9.1	8.0	5.7	4.8	ND	ND	ND	ND	5.5	ND	5.7	2.9
2-Methylnaphthalene	260	19	25,000	25,000	15	ND	ND	39	9.9	ND	ND	30	ND	ND	ND	ND
Naphthalene	520	11	31,000	31,000	20	ND	ND	23	18	ND	ND	29	410	ND	330	260
n-Propylbenzene	80	ID		15,000	23	23.0	8	12	3.5	ND	ND	2.0	200	ND	150	100
Styrene	100	80	170,000	9,700	2.6	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND
Toluene	790	270	530,000	530,000	130	63.0	120	140	15	ND	ND	48	960	30	950	2,000
1,2,3-Trimethylbenzene	63	17	56,000	56,000	47	40	31	26	7.4	ND	ND	9.4	340	1.4	320	280
1,2,4-Trimethylbenzene	63	17	56,000	56,000	230	220	140	110	33	2.9	ND	33	580	5	600	540
1,3,5-Trimethylbenzene	72	45	61,000	61,000	64	61	55	19	9.0	ND	ND	8.2	280	1.6	260	190
Xylenes	280	41	190,000	190,000	360	260	290	240	67	ND	ND	83	2,200	48	1600	5,200

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-12				MW-13				MW-15			
					10/26/11	1/17/12	4/2/12	7/6/12	10/28/11	1/17/12	4/3/12	7/6/12	10/28/11	1/23/12	4/3/12	7/9/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	ND	ND	ND	ND	ND	ND	ND	NS	12	200	150	170
n-Butylbenzene	80	ID	ID	5,900	ND	ND	ND	ND	ND	ND	ND	NS	ND	9.8	ND	ND
sec-Butylbenzene	80	ID	ID	4,400	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
Ethylbenzene	74	18	110,000	170,000	1.4	ND	ND	ND	ND	3.9	ND	NS	5.9	250	330	450
Isopropylbenzene	800	28	56,000	56,000	ND	ND	ND	ND	ND	ND	ND	NS	ND	3.1	7.8	17
4-Isopropyltoluene	ID	ID	ID	ID	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
2-Methylnaphthalene	260	19	25,000	25,000	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
Naphthalene	520	11	31,000	31,000	ND	ND	ND	ND	ND	ND	ND	NS	ND	7.4	30	73
n-Propylbenzene	80	ID		15,000	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	6.3	14
Styrene	100	80	170,000	9,700	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	3.4	ND	ND	ND	ND	19	ND	NS	1.4	23	36	40
1,2,3-Trimethylbenzene	63	17	56,000	56,000	1.6	ND	ND	ND	ND	4.6	ND	NS	ND	3.5	14	26
1,2,4-Trimethylbenzene	63	17	56,000	56,000	7.1	ND	ND	ND	ND	17	ND	NS	1.4	24	72	160
1,3,5-Trimethylbenzene	72	45	61,000	61,000	2.2	ND	ND	ND	ND	5.8	ND	NS	ND	ND	4.9	5.3
Xylenes	280	41	190,000	190,000	9.7	ND	ND	ND	ND	46	ND	NS	4.2	210	300	330

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-16				MW-17				MW-DEQ-1			
					10/28/11	1/23/12	4/3/12	7/9/12	10/28/11	1/17/12	4/3/12	7/6/12	10/26/11	1/17/12	4/2/12	7/5/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	NS	ND	ND	NS	ND	ND	ND	ND	9.2	4.2	ND	2.4
n-Butylbenzene	80	ID	ID	5,900	NS	ND	ND	NS	ND	ND	ND	ND	ND	10	4.6	10
sec-Butylbenzene	80	ID	ID	4,400	NS	ND	ND	NS	ND	ND	ND	ND	8.5	11	4.8	7.4
Ethylbenzene	74	18	110,000	170,000	NS	ND	2.9	NS	ND	ND	6.4	ND	110	120	31	88
Isopropylbenzene	800	28	56,000	56,000	NS	ND	ND	NS	ND	ND	ND	ND	20	24	8.6	21
4-Isopropyltoluene	ID	ID	ID	ID	NS	ND	ND	NS	ND	ND	ND	ND	8.7	10	4.5	6.7
2-Methylnaphthalene	260	19	25,000	25,000	NS	ND	6.6	NS	ND	ND	ND	ND	81	8.6	42	160
Naphthalene	520	11	31,000	31,000	NS	ND	6.2	NS	ND	ND	13	ND	76	35	24	67
n-Propylbenzene	80	ID		15,000	NS	ND	1.4	NS	ND	ND	2.5	ND	57	77	27	56
Styrene	100	80	170,000	9,700	NS	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	NS	ND	12	NS	ND	ND	9	ND	17	7.8	2.4	10
1,2,3-Trimethylbenzene	63	17	56,000	56,000	NS	ND	4.7	NS	ND	ND	7.3	ND	280	310	120	250
1,2,4-Trimethylbenzene	63	17	56,000	56,000	NS	ND	18	NS	ND	ND	26	ND	500	660	290	520
1,3,5-Trimethylbenzene	72	45	61,000	61,000	NS	ND	5.6	NS	ND	ND	7	ND	270	310	78	210
Xylenes	280	41	190,000	190,000	NS	ND	25	NS	ND	ND	40	ND	610	620	120	340

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-DEQ-2				MW-DEQ-4				MW-MDEQ-5			
					10/26/11	1/17/12	4/2/12	7/5/12	10/28/11	1/17/12	4/3/12	7/6/12	10/28/11	1/17/12	4/3/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	470	610	380	340	52	5.5	ND	3.5	ND	ND	ND	ND
n-Butylbenzene	80	ID	ID	5,900	18	17	20	21	ND	ND	ND	4.5	ND	ND	ND	ND
sec-Butylbenzene	80	ID	ID	4,400	11	12	11	13	ND	ND	ND	3.3	ND	ND	ND	ND
Ethylbenzene	74	18	110,000	170,000	720	880	670	3,100	29	17	2	61	ND	ND	ND	ND
Isopropylbenzene	800	28	56,000	56,000	72	69	85	93	ND	ND	ND	7.7	ND	ND	ND	ND
4-Isopropyltoluene	ID	ID	ID	ID	9.2	9.9	9	7.8	ND	ND	ND	1.7	ND	ND	ND	ND
2-Methylnaphthalene	260	19	25,000	25,000	320	98	550	470	ND	ND	ND	13	ND	ND	ND	ND
Naphthalene	520	11	31,000	31,000	460	260	420	440	ND	ND	ND	26	ND	ND	ND	ND
n-Propylbenzene	80	ID		15,000	170	180	150	170	ND	3.2	1.1	24	ND	ND	ND	ND
Styrene	100	80	170,000	9,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	1,600	2300	1800	27,000	5.3	1.5	3.6	4.5	ND	ND	ND	ND
1,2,3-Trimethylbenzene	63	17	56,000	56,000	340	410	420	440	ND	1.6	2.8	54	ND	ND	ND	ND
1,2,4-Trimethylbenzene	63	17	56,000	56,000	540	720	630	700	3.5	5.7	10	210	ND	ND	ND	ND
1,3,5-Trimethylbenzene	72	45	61,000	61,000	320	400	360	350	8.1	16	2.9	43	ND	ND	ND	ND
Xylenes	280	41	190,000	190,000	2,400	3100	2200	18,000	71	54	11	260	ND	ND	ND	ND

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-A				MW-B				MW-C			
					10/26/11	1/23/12	4/2/12	7/5/12	10/27/11	1/23/12	4/2/12	7/6/12	10/27/11	1/23/12	4/4/12	7/5/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	3.8	4.5	1.9	ND	ND	ND	ND	1.3	310	400.0	130	120
n-Butylbenzene	80	ID	ID	5,900	41	26	29	27	ND	ND	ND	ND	14	4.9	5.4	4.1
sec-Butylbenzene	80	ID	ID	4,400	23	14	15	13	ND	ND	ND	ND	10	5.7	4.9	3.9
Ethylbenzene	74	18	110,000	170,000	450	980	510	800	ND	1.1	ND	ND	540	310	330	290
Isopropylbenzene	800	28	56,000	56,000	75	69	73	63	ND	ND	ND	ND	67	21	37	32
4-Isopropyltoluene	ID	ID	ID	ID	13	9.1	11	8.8	ND	ND	ND	ND	6.2	ND	3.9	1.9
2-Methylnaphthalene	260	19	25,000	25,000	290	370	350	340	ND	ND	ND	ND	82	45	21	20
Naphthalene	520	11	31,000	31,000	350	330	300	230	ND	ND	ND	ND	220	99	120	110
n-Propylbenzene	80	ID		15,000	190	170	160	140	ND	ND	ND	ND	150	39	62	52
Styrene	100	80	170,000	9,700	6.7	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	200	87	41	19	ND	ND	ND	ND	810	930	460	430
1,2,3-Trimethylbenzene	63	17	56,000	56,000	280	370	370	310	ND	ND	ND	3.9	270	99	160	130
1,2,4-Trimethylbenzene	63	17	56,000	56,000	470	850	650	1,500	ND	3.7	ND	11	560	380	460	380
1,3,5-Trimethylbenzene	72	45	61,000	61,000	280	840	340	290	ND	2.2	ND	9.1	210	84	94	59
Xylenes	280	41	190,000	190,000	1,400	3400	1600	4,800	ND	7.3	5	25	1,700	1600	1100	940

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-D				MW-E				MW-F			
					10/27/11	1/23/12	4/4/12	7/5/12	10/27/11	1/17/12	4/3/12	7/5/12	10/28/11	1/17/12	4/3/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	1.4	ND	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	80	ID	ID	5,900	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	80	ID	ID	4,400	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	74	18	110,000	170,000	2.1	3.6	ND	1.1	1.2	ND	1.1	ND	ND	ND	ND	ND
Isopropylbenzene	800	28	56,000	56,000	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	ID	ID	ID	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	260	19	25,000	25,000	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	520	11	31,000	31,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	80	ID		15,000	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100	80	170,000	9,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	10	5.8	1.6	4.5	5.9	ND	2.7	ND	23	3.2	ND	ND
1,2,3-Trimethylbenzene	63	17	56,000	56,000	2.8	2.6	1.1	4.6	ND	ND	1.8	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	63	17	56,000	56,000	11	12	3.2	14	2.6	ND	6.7	4.6	ND	2.1	ND	ND
1,3,5-Trimethylbenzene	72	45	61,000	61,000	3.6	2.9	1.5	4.6	ND	ND	2.3	ND	ND	ND	ND	ND
Xylenes	280	41	190,000	190,000	23	32	ND	8.2	8.5	ND	6.1	ND	ND	4.1	ND	ND

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

GROUNDWATER ANALYTICAL RESULTS COMPARISON TO TIER I RBSLs

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

	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria	MW-G				MW-H				MW-I			
					10/28/11	1/23/12	4/3/12	7/9/12	10/27/11	1/23/12	4/4/12	7/5/12	10/27/11	1/23/12	4/2/12	7/6/12
VOLATILE ORGANIC COMPOUNDS																
Benzene	5.0	200	5,600	11,000	400	230	26	210	ND	1.4	ND	ND	ND	ND	ND	ND
n-Butylbenzene	80	ID	ID	5,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	80	ID	ID	4,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	74	18	110,000	170,000	670	520	42	380	1.9	2.5	ND	2.1	ND	ND	ND	ND
Isopropylbenzene	800	28	56,000	56,000	21	9	ND	13	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	ID	ID	ID	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	260	19	25,000	25,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	520	11	31,000	31,000	90	40	ND	67	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	80	ID		15,000	49	19	2.5	21	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	100	80	170,000	9,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	790	270	530,000	530,000	860	360	ND	180	14	12	ND	2.7	ND	ND	ND	ND
1,2,3-Trimethylbenzene	63	17	56,000	56,000	79	25	3.8	54	1.9	1.1	ND	2.9	ND	ND	ND	ND
1,2,4-Trimethylbenzene	63	17	56,000	56,000	350	130	17	200	8.5	5.4	ND	12	ND	ND	ND	ND
1,3,5-Trimethylbenzene	72	45	61,000	61,000	83	35	4.3	47.0	2.3	1.8	ND	2.3	ND	ND	ND	ND
Xylenes	280	41	190,000	190,000	1,600	1,400	65	960	25	28	ND	13	ND	ND	ND	ND

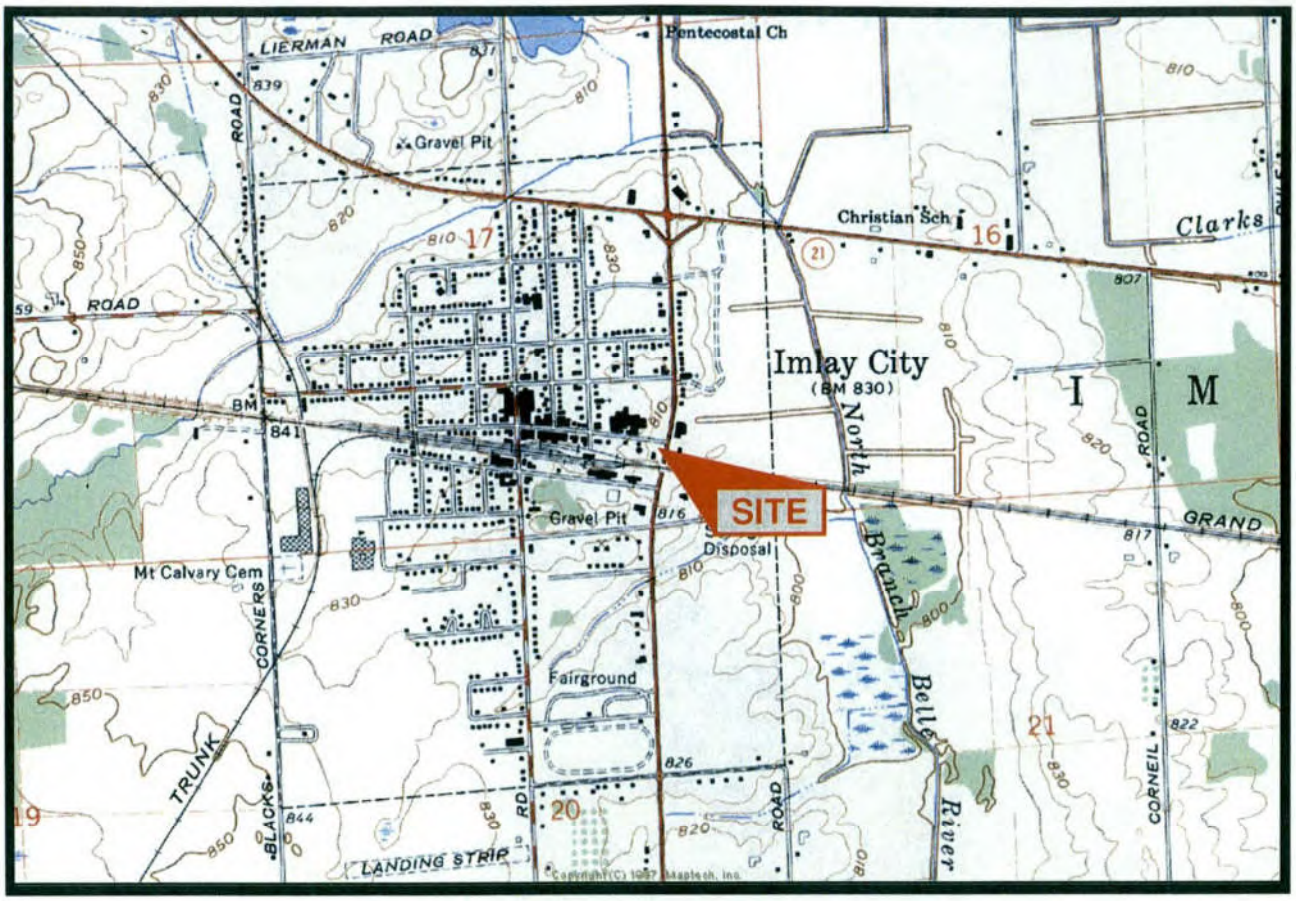
Concentrations and detection limits reported in parts per billion (ug/L)
Criteria obtained from Table 1 of Attachment 1 of RRD Operational Memorandum No. 1, Ma
ID = Insufficient data for development of criterion ND = Non Detect NS = No S
Shaded concentrations exceed one or more of the listed criteria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

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.

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

MICHIGAN
QUADRANGLE LOCATION



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

AKTPEERLESS environmental services

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

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

DRAWN BY: OGO
DATE: 07-27-01

FIGURE 1

COMMERCIAL LAND USE

EAST THIRD STREET

N
W E
S

ACCESS DRIVE

GRASS

CONCRETE WALK

ASPHALT SURFACE

ASPHALT SURFACE

POINT OF RELEASE

500-GALLON HEATING OIL UST (REMOVED)

TANK #3

SIGN SHOP

TELEPHONE

FIRE DEPARTMENT

ASPHALT

GATE

VENT

TANK #1

POINT OF RELEASE

400 & 410
EAST THIRD STREET

SALON

ACCESS DRIVE

GRAVEL

FORMER GASOLINE AND DIESEL DISPENSERS

PAWN
SHOP

420
EAST THIRD STREET

VENT

COMMERCIAL LAND USE

N. CEDAR STREET (M-53)

D.P.W. GARAGE

FORMER PUMP DISPENSER

TANK #2

POINT OF RELEASE

ACCESS DRIVE TO BE RAILROAD RIGHT-OF-WAY

SALT STORAGE

BRIDAL
SHOP

ASPHALT SURFACE

GRAVEL

COMMERCIAL LAND USE

GRAVEL

SWITCH BOX

C. & O. RAILROAD

RAILROAD BRIDGE

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

COMMERCIAL LAND USE

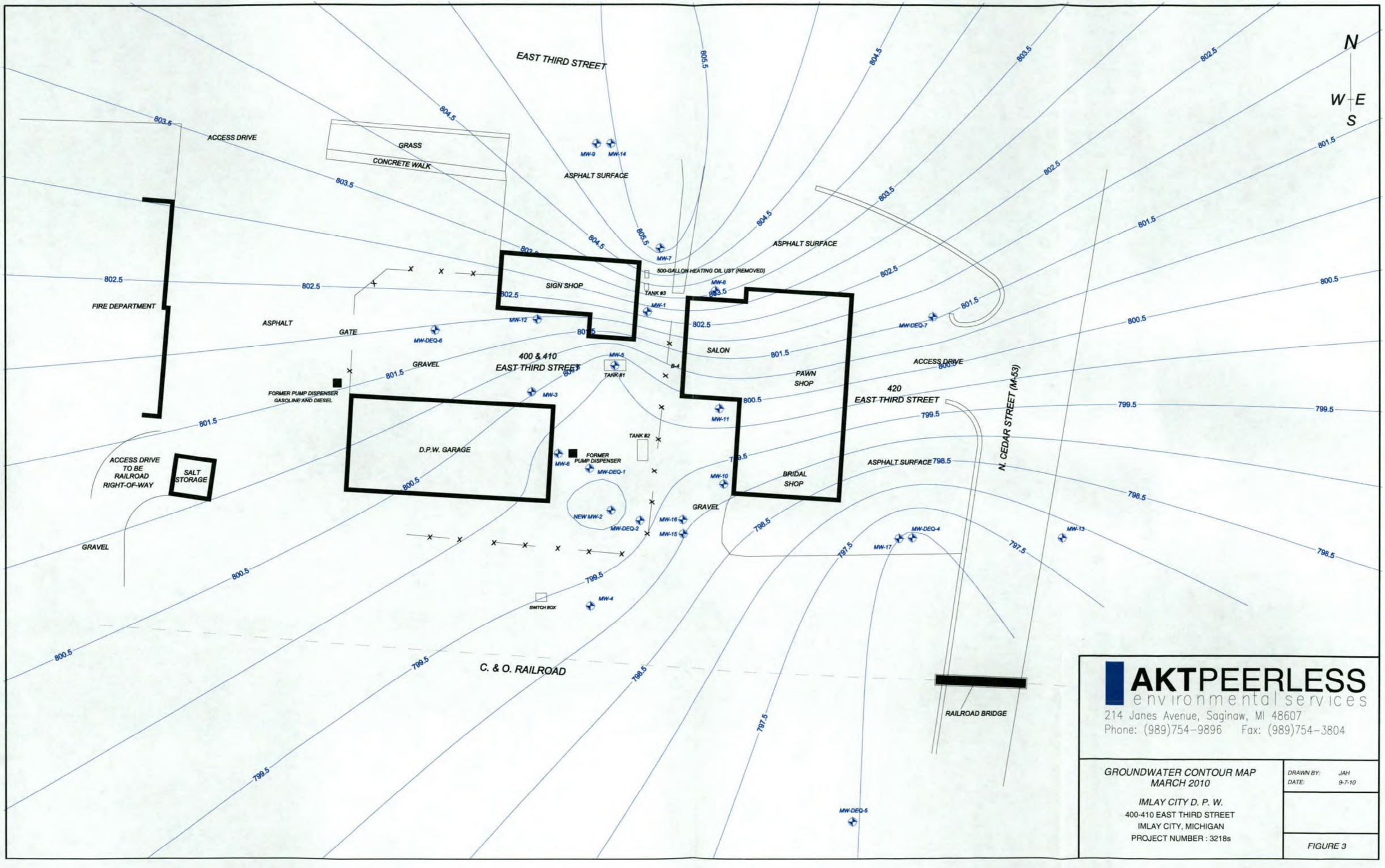
AKTPEERLESS
environmental services
230 S. Washington Ave., Suite 300, P.O. Box 1873, Saginaw, MI 48605
Phone: (989)754-9896 Fax: (989)754-3804

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

DRAWN BY: OGO
DATE: 07-27-01

0 20 40
SCALE: 1"= 40'±

FIGURE 2



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

GROUNDWATER CONTOUR MAP
MARCH 2010

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

DRAWN BY: JAH
DATE: 9-7-10

FIGURE 3

EAST THIRD STREET

ACCESS DRIVE

GRASS

CONCRETE WALK

MW-9 MW-14

ASPHALT SURFACE

BENZENE 5.2 (1)
ETHYLBENZENE 150 (1,2)
NAPHTHALENE 29 (2)
1,3,5-TMB 55 (2)
XYLENES 94 (2)
REMAINING VOCs < MDNRE CRITERIA

BENZENE 1,700 (1,2)
ETHYLBENZENE 1,900 (1,2)
NAPHTHALENE 150 (2)
TOLUENE 7,600 (1,2)
1,2,3-TMB 310 (1,2)
1,2,4-TMB 980 (1,2)
1,3,5-TMB 250 (1,2)
XYLENES 8,000 (1,2)
REMAINING VOCs < MDNRE CRITERIA

BENZENE 71 (1)
ETHYLBENZENE 260 (1,2)
NAPHTHALENE 88 (2)
TOLUENE 1,100 (1,2)
1,2,3-TMB 150 (1,2)
1,2,4-TMB 450 (1,2)
1,3,5-TMB 99 (1,2)
XYLENES 2,000 (1,2)
REMAINING VOCs < MDNRE CRITIERA

MW-7

ASPHALT SURFACE

VOCs < TDLs
METALS < MDNRE CRITERIA

MW-8

MW-1

MW-DEQ-7

FIRE DEPARTMENT

ASPHALT

GATE

MW-DEQ-6

MW-12

SIGN SHOP

MW-5

FORMER GASOLINE UST

GRAVEL

FORMER PUMP DISPENSER GASOLINE AND DIESEL

MW-3

420 EAST THIRD STREET

MW-11

FORMER DIESEL UST

N. CEDAR STREET (M-53)

EXTENT OF GROUNDWATER IMPACT

VOCs < TDLs

D.P.W. GARAGE

MW-6

FORMER PUMP DISPENSER

MW-DEQ-1

ASPHALT SURFACE

MW-10

ACCESS DRIVE TO BE RAILROAD RIGHT-OF-WAY

SALT STORAGE

MW-2

MW-16

MW-DEQ-2

MW-15

MW-DEQ-3

MW-17

MW-DEQ-4

MW-13

BENZENE 16 (1)
ETHYLBENZENE 97 (2)
NAPHTHALENE 46 (2)
1,2,3-TMB 170 (1,2)
1,2,4-TMB 300 (1,2)
1,3,5-TMB 87 (1,2)
XYLENES 1,400 (1,2)
REMAINING VOCs < MDNRE CRITERIA

GRAVEL

SWITCH BOX

MW-4

C. & O. RAILROAD

RAILROAD BRIDGE

BENZENE 430 (1,2)
ETHYLBENZENE 840 (1,2)
XYLENES 630 (1,2)
REMAINING VOCs < MDNRE CRITERIA

BENZENE 140 (1)
ETHYLBENZENE 170 (1,2)
NAPHTHALENE 25 (2)
1,2,3-TMB 59 (2)
1,2,4-TMB 130 (1,2)
XYLENES 1,450 (1,2)
REMAINING VOCs < MDNRE CRITERIA

MW-DEQ-5

N
W E
S

LEGEND

— X — = FENCE DENOTING PROPERTY BOUNDARY

= MONITOR WELL

NOTES

EXCEEDS INDUSTRIAL AND COMMERCIAL GENERIC CLEANUP CRITERIA
(1) DRINKING WATER
(2) GROUNDWATER SURFACE WATER INTERFACE
TDLs – TARGET DETECTION LIMITS

AKTPEERLESS environmental services

GROUNDWATER ANALYTICAL RESULTS
MARCH 2010

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

DRAWN BY: JAH
DATE: 9-7-10

0 20 40
SCALE: 1"= 40'±

FIGURE 4

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

Monitoring Well Location	Ground Surface Elevation	Top of Casing Elevation	Well Screen Interval	Total Well Depth	Depth to Groundwater	Depth to Free Product	Free Product Thickness	Groundwater Elevation
	(Feet, MSL[1])	(Feet, MSL)	(Feet, BGS[2])	(Feet, TOC[3])	(Feet, TOC)	(Feet, TOC)	(Feet)	(Feet, MSL)
MW-1	812.85	812.44	10.0-15.0	14.60	NM	N/A	N/A	-
MW-2	817.13	816.94	13.0-23.0	22.10	16.50	N/A	N/A	800.25
MW-3	817.17	816.71	14.0-19.0	18.85	NM	N/A	N/A	-
MW-4	823.37	823.09	20.0-25.0	24.65	dry	N/A	N/A	-
MW-5	815.84	815.58	9.0-19.0	18.97	15.32	N/A	N/A	800.00
MW-6	817.69	817.18	14.5-19.5	19.50	16.85	N/A	N/A	799.82
MW-7	810.09	809.58	4.0-9.0	9.00	3.28	N/A	N/A	805.79
MW-9	809.57	808.98	5.0-10.0	10.00	NM	N/A	N/A	-
MW-10	807.21	806.77	6.0-11.0	12.50	NM	N/A	N/A	-
MW-11	807.77	807.28	6.0-11.0	12.50	7.70	N/A	N/A	799.09
MW-13	NM	NM	3.0-8.0	NM	5.92	N/A	N/A	-
MW-14	NM	NM	13.0-23.0	NM	9.29	N/A	N/A	-
MW-15	NM	NM	3.0-8.0	NM	7.43	N/A	N/A	-
MW-16	NM	NM	10.0-20.0	NM	7.61	N/A	N/A	-
MW-17	NM	NM	23.0-33.0	NM	6.44	N/A	N/A	-
MW-DEQ-1	817.64	817.28	15-25	25.10	NM	N/A	N/A	-
MW-DEQ-2	817.07	816.69	15-20	20.00	NM	N/A	N/A	-
MW-DEQ-4	805.50	805.04	5.0-10.0	10.35	7.75	N/A	N/A	796.83
MW-DEQ-7	804.10	803.78	19.0-24.0	24.00	1.90	N/A	N/A	801.56

[1] MSL = United States Geological Survey Mean Sea Level
[2] BGS = Below Ground Surface
[3] TOC = Top of Casing
NM = Not Measured
N/A = Not Applicable, No Free Product Encountered
Static Groundwater Levels Measured in March 2010

AKTPEERLESS
environmental & energy services

Table 2
Summary of Groundwater Analytical Results
Imlay City Department of Public Works
400 - 420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

Guidesheet Number →		#2	#3	#4	#5	#6	#7	#8	#9									
Parameters*	**Chemical Abstract Service Number**	**Industrial and Commercial II III and IV Drinking Water Criteria and RBSLs**	**Groundwater Surface Water Interface Protection Criteria and RBSLs**	**Residential and Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs**	**Industrial and Commercial II III and IV Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs**	**Groundwater Contact Criteria and RBSLs**	**Water Solubility**	**Flammability and Explosivity Screening Level**	**Acute Inhalation Screening Level**	Sample Location	MW-6	MW-2	MW-5	MW-7	MW-DEQ-7	MW-DEQ-4	MW-16	MW-11
**(Refer to detailed laboratory report for method reference data)*										Collection Date	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010
										Depth								
Volatiles																		
Acetone (I)	67-64-1	2,100	1,700	1.0E+9 (D,S)	1.0E+9 (D,S)	3.1E+7	1.0E+9	1.5E+7	1.0E+9 (D)		<50	<50	<50	<50	<50	<50	<50	<50
Acrylonitrile (I)	107-13-1	11	4.9 (X)	34,000	1.9E+5	14,000	7.50E+7	6.4E+6	ID		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene (I)	71-43-2	**5.0 (A)**	**200 (X)**	5,600	35,000	11,000	1.75E+6	68,000	67,000		<1.0	**16**	**71**	**5.2**	<1.0	**130**	**430**	**1,700**
Bromobenzene (I)	108-86-1	50	NA	1.8E+5	3.9E+5	12,000	4.13E+5	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	74-97-5										<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	75-27-4	80 (A,W)	ID	4,800	37,000	14,000	6.74E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	75-25-2	80 (A,W)	ID	4.7E+5	3.1E+6 (S)	1.4E+5	3.10E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	74-83-9	29	35	4,000	9,000	70,000	1.45E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone (MEK) (I)	78-93-3	38,000	2,200	2.4E+8 (S)	2.4E+8 (S)	2.4E+8 (S)	2.40E+8	ID	2.4E+8 (S)		<25	32	55	<25	<25	<25	<25	<25
n-Butylbenzene	104-51-8	230	ID	ID	ID	5,900	NA	ID	ID		<1.0	12	11	3.7	<1.0	4.8	<1.0	<1.0
sec-Butylbenzene	135-98-8	230	ID	ID	ID	4,400	NA	ID	ID		<1.0	3.0	5.4	2.7	<1.0	2.2	<1.0	4.1
tert-Butylbenzene (I)	98-06-6	230	ID	ID	ID	8,900	NA	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon disulfide (I,R)	75-15-0	2,300	ID	2.5E+5	5.5E+5	1.2E+6 (S)	1.19E+6	13,000	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	5.0 (A)	45 (X)	370	2,400	4,600	7.93E+5	ID	96,000		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene (I)	108-90-7	100 (A)	47	2.1E+5	4.7E+5 (S)	86,000	4.72E+5	1.6E+5	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	75-00-3	1,700	ID	5.7E+6 (S)	5.7E+6 (S)	4.4E+5	5.74E+6	1.1E+5	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	80 (A,W)	170 (X)	28,000	1.8E+5	1.5E+5	7.92E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (I)	74-87-3	1,100	ID	8,600	45,000	4.9E+5	6.34E+6	36,000	2.1E+5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
o-Chlorotoluene (I)	95-49-8	420	ID	2.2E+5	3.7E+5 (S)	44,000	3.73E+5	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	124-48-1	80 (A,W)	ID	14,000	1.1E+5	18,000	2.60E+6	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloropropane	96-12-8	0.2 (A)	NA	1,200 (S)	1,200 (S)	390	1,230	NA	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	74-95-3	230	NA	ID	ID	5.3E+5	1.10E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	95-50-1	600 (A)	16	1.6E+5 (S)	1.6E+5 (S)	1.6E+5 (S)	1.56E+5	NA	1.6E+5 (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	19	38	ID	ID	2,000	1.11E+5	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	75 (A)	13	16,000	74,000 (S)	6,400	73,800	NA	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	75-71-8	4,800	ID	2.2E+5	3.0E+5 (S)	3.0E+5 (S)	3.00E+5	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	75-34-3	2,500	740	1.0E+6	2.3E+6	2.4E+6	5.06E+6	3.8E+5	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane (I)	107-06-2	5.0 (A)	360 (X)	9,600	59,000	19,000	8.52E+6	2.5E+6	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethylene	156-59-2	70 (A)	620	93,000	2.1E+5	2.0E+5	3.50E+6	5.3E+5	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene	156-60-5	100 (A)	1,500	85,000	2.0E+5	2.2E+5	6.30E+6	2.3E+5	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene (I)	75-35-4	7.0 (A)	65 (X)	200	1,300	11,000	2.25E+6	97,000	1.4E+5		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane (I)	78-87-5	5.0 (A)	290 (X)	16,000	36,000	16,000	2.80E+6	5.5E+5	2.8E+6 (S)		<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropylene	10061-01-5										<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropylene	10061-02-6										<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene (I)	100-41-4	**74 (E)**	**18**	1.1E+5	1.7E+5 (S)	1.7E+5 (S)	1.69E+5	43,000	1.7E+5 (S)		<1.0	**97**	**260**	**150**	<1.0	**170**	**640**	**1,900**
Ethylene dibromide	106-93-4	0.05 (A)	0.2 (X)	2,400	15,000	25	4.20E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591-78-6	2,900	NA	4.2E+6	8.7E+6	5.2E+6	1.60E+7	NA	ID		<50	<50	<50	<50	<50	<50	<50	<50
Isopropyl benzene	98-82-8	2,300	ID	56,000 (S)	56,000 (S)	56,000 (S)	56,000	29,000	ID		<5.0	5.8	22	19	<5.0	12	5.2	91
Methyl Iodide	74-88-4										<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	5,200	ID	2.0E+7 (S)	2.0E+7 (S)	1.3E+7	2.00E+7	ID	2.0E+7 (S)		<50	<50	55	<50	<50	<50	<50	<50
Methylene chloride	75-09-2	5.0 (A)	940 (X)	2.2E+5	1.4E+6	2.2E+5	1.70E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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

AKTPEERLESS
environmental & energy services

Table 2
Summary of Groundwater Analytical Results
Imlay City Department of Public Works
400 - 420 East Third Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

Guidesheet Number →		#2	#3	#4	#5	#6	#7	#8	#9									
Parameters*	**Chemical Abstract Service Number**	**Industrial and Commercial II III and IV Drinking Water Criteria and RBSLs**	**Groundwater Surface Water Interface Protection Criteria and RBSLs**	**Residential and Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs**	**Industrial and Commercial II III and IV Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs**	**Groundwater Contact Criteria and RBSLs**	**Water Solubility**	**Flammability and Explosivity Screening Level**	**Acute Inhalation Screening Level**	Sample Location	MW-6	MW-2	MW-5	MW-7	MW-DEQ-7	MW-DEQ-4	MW-16	MW-11
**(Refer to detailed laboratory report for method reference data)*										Collection Date	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010	3/26/2010
										Depth								
2-Methylnaphthalene	91-57-6	750	ID	ID	ID	25,000 (S)	24,600	ID	ID		<5.0	37	35	<5.0	<5.0	7.4	<5.0	<5.0
Methyl-tert-butyl ether (MTBE)	1634-04-4	40 (E)	730 (X)	4.7E+7 (S)	4.7E+7 (S)	6.1E+5	4.68E+7	ID	ID		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	91-20-3	1,500	**13**	31,000 (S)	31,000 (S)	31,000 (S)	31,000	NA	31,000 (S)		<5.0	**46**	**88**	**29**	<5.0	**25**	7.9	**150**
n-Propylbenzene (I)	103-65-1	230	ID	ID	ID	15,000	NA	ID	ID		<1.0	15	51	26	<1.0	16	2.5	160
Styrene	100-42-5	100 (A)	80	1.7E+5	3.1E+5 (S)	9,700	3.10E+5	1.4E+5	3.1E+5 (S)		<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	6.9
1,1,1,2-Tetrachloroethane	630-20-6	320	ID (X)	15,000	96,000	30,000	1.10E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	35	78 (X)	12,000	77,000	4,700	2.97E+6	ID	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene	127-18-4	5.0 (A)	45 (X)	25,000	1.7E+5	12,000	2.0E+5	ID	2.0E+5 (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene (I)	108-88-3	**790 (E)**	**140**	5.3E+5 (S)	5.3E+5 (S)	5.3E+5 (S)	5.26E+5	61,000	ID		<1.0	130	**1,100**	1.2	<1.0	17	140	**7,600**
1,2,4-Trichlorobenzene	120-82-1	70 (A)	30	3.0E+5 (S)	3.0E+5 (S)	19,000	3.00E+5	NA	3.0E+5 (S)		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	71-55-6	200 (A)	200	6.6E+5	1.3E+6 (S)	1.3E+6 (S)	1.33E+6	ID	1.3E+6 (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	5.0 (A)	330 (X)	17,000	1.1E+5	21,000	4.42E+6	NA	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene	79-01-6	5.0 (A)	200 (X)	15,000	97,000	22,000	1.10E+6	ID	1.1E+6 (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	75-69-4	7,300	NA	1.1E+6 (S)	1.1E+6 (S)	1.1E+6 (S)	1.10E+6	ID	1.1E+6 (S)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	96-18-4	120	NA	ID	ID	84,000	1.90E+6	NA	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trimethylbenzene	526-73-8	**63 (E)**	**17**	56,000 (S)	56,000 (S)	56,000 (S)	55,890	56,000 (S)	ID		<1.0	**170**	**150**	**55**	<1.0	**59**	5.5	**310**
1,2,4-Trimethylbenzene (I)	95-63-6	**63 (E)**	**17**	56,000 (S)	56,000 (S)	56,000 (S)	55,890	56,000 (S)	ID		<1.0	**300**	**450**	5.7	<1.0	**130**	14	**980**
1,3,5-Trimethylbenzene (I)	108-67-8	**72 (E)**	**45**	61,000 (S)	61,000 (S)	61,000 (S)	61,150	ID	ID		<1.0	**87**	**99**	4.9	<1.0	14	<1.0	**250**
Vinyl chloride	75-01-4	2.0 (A)	15	1,100	13,000	1,000	2.76E+6	33,000	ID		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (I)	1330-20-7	**280 (E)**	**35**	1.9E+5 (S)	1.9E+5 (S)	1.9E+5 (S)	1.86E+5	70,000	1.9E+5 (S)		<3.0	**1,400**	**2,000**	**94**	<3.0	**410**	**630**	**8,000**

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

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

		SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	GW-1 (Excavation Floor)	MW-1	MW-2
Sample Identification Number		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92	60	NA
Sample Depth/Screen Interval (Feet, bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.0	10.0-15.0	13.0-23.0
Sample Collection Date		3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/8/2006	1/5/2005	7/20/2000
Volatile Organic Compounds (VOCs)	CAS#																			
Extraction Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/8/2006	1/13/2005	NA
Anaylsis Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/14/2006	1/13/2005	NA
Analytical Method		8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260/624	8260	5030B/8260B	8260/624
Acetone {I}	67641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile {I}	107131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene {I}	71432	1.6	**100**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**310**	**450**	**11,000**	**3,900**	**13,000**	**5,600**	**19**	**9,600**
Bromobenzene {I}	108861	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74839	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone {MEK} {I}	78933	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Butylbenzene	104518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sec-Butylbenzene	135988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butylbenzene {I}	98066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide {I,R}	75150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	56235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene {I}	108907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67663	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane {I}	74873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124481	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-2,Dibromo-3-Chloropropane	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106467	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75718	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75343	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane {I}	107062	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<300	<1.0	<1.0
1,1-Dichloroethene {I}	75354	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cis-1,2-Dichloroethene	156592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trans-1,2-Dichloroethene	156605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane {I}	78875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cis-1,3-Dichloropropene	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trans-1,3-Dichloropropene	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene {I}	100414	1.5	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**98**	**110**	1.6	**24**	**3,700**	**1,600**	**560**	**2,900**
Ethylene Dibromide	106934	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<300	<1.0	<1.0
2-Hexanone	591786	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone {I}	108101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	75092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	91576	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<500	-	-	290

Summary of Analytical Results - Analytical Results
Isley Co
[illegible]
[illegible]
Michigan
AKT Peerless Project No. 32188

		SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	GW-1 (Excavation Floor)	MW-1	MW-2
Sample Identification Number		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-92	60	NA
Sample Depth/Screen Interval (Feet bgs)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.0	10.0-15.0	13.0-23.0
Sample Collection Date		3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/20/2000	3/8/2006	1/13/2005	1/13/2005
Volatile Organic Compounds (VOCs)																				
MTBE	1634044	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.2	<5.0	<500	<1,000	<5.0	<5.0
Naphthalene	91203	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.5	<5.0	<5.0	**680**	-	-	**530**
N-Propylbenzene (1)	103651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	630206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108883	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	57	140	**2,700**	**1,700**	**38,000**	**16,000**	**280**	**22000**
1,2,4-Trichlorobenzene	120821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75694	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trimethylbenzene	526-73-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95636	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.1	**24**	1.9	<1.0	**2,700**	**2,300**	**2,000**	**2,800**
1,3,5-Trimethylbenzene	108678	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.1	8.3	<1.0	<1.0	**680**	**700**	**680**	**740**
Vinyl Chloride	75014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (1)	1330207	1.9	4.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**36**	**87**	5.8	**61**	**20,000**	**12,100**	**3,100**	**15,600**
Total VOCs		5	108	0	0	0	0	0	0	0	0	0	512	829	13,717	5,685	78,760	38,300	6,639	54,460
Metals	**CAS#**																			
Extraction Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/13/2006	1/13/2005	NA
Anaylsis Date		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3/16/2006	1/13/2005	NA
Analytical Method		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3015A	3005A/6020	NA
Antimony	7440360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	7440382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (B)	7440393	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	7440417	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (B)	7440439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (B,H)	16065831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	7440484	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (B)	7440508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron (B)	7439896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (Total)	7439921	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**18**	<3.0	<3.0
Mercury (B,Z)	Varies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum (B)	7439987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel (B)	7440020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (B)	7782492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (B)	7440224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (B)	7440280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	7440622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (B)	7440666	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4 (WS-2)	MW-4	MW-4	MW-4
Sample Identification Number		61	99	135	139	-		NA	28	62	100	133	140	-	NA	37	51	54
Sample Depth/Screen Interval (Feet, bgs)		13.0-23.0	13.0-23.0	13.0-23.0	13.0-23.0	13.0-23.0	13.0-23.0	14.0-19.0	14.0-19.0	14.0-19.0	14.0-19.0	14.0-19.0	14.0-19.0	14.0-19.0	NA	20.0-25.0	20.0-25.0	20.0-25.0
Sample Collection Date		1/5/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	7/20/2000	11/5/2001	1/4/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/22/2000	11/6/2001	11/4/2003	6/2/2004
Volatile Organic Compounds (VOCs)	**CAS#**																	
Extraction Date		1/13/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	NA	11/11/2001	1/13/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	NA	11/11/2001	11/12/2003	6/11/2004
Anaylsis Date		1/13/2005	8/23/2006	12/22/2006	3/27/2007	9/12/2007	3/31/2010	NA	8/13/1926	1/13/2005	8/23/2006	12/22/2006	3/27/2007	9/11/2007	NA	11/11/2001	11/12/2003	6/11/2004
Analytical Method		5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260/624	8260	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260/624	8260	8260	8260
Acetone {I}	67641	-	<50	<50	<50	<50	<50	-	-	-	<50	<50	<50	<50	-	-	-	-
Acrylonitrile {I}	107131	-	<2.0	<2.0	<20	<20	<2.0	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-
Benzene {I}	71432	1.7	4.6	**19**	**30**	**70**	**16**	**22**	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene {I}	108861	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Bromochloromethane	NA	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Bromodichloromethane	75274	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Bromoform	75252	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Bromomethane	74839	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
2-Butanone (MEK) {I}	78933	-	<25	<25	<300	<300	32	-	-	-	<25	<25	<25	<25	-	-	-	-
N-Butylbenzene	104518	-	<1.0	1.0	<10	10	12	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Sec-Butylbenzene	135988	-	<1.0	<1.0	<10	<10	3.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Tert-Butylbenzene {I}	98066	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Carbon Disulfide {I,R}	75150	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
Carbon Tetrachloride	56235	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Chlorobenzene {I}	108907	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Chloroethane	75003	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
Chloroform	67663	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Chloromethane {I}	74873	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
2-Chlorotoluene	NA	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
Dibromochloromethane	124481	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
1-2,Dibromo-3-Chloropropane	NA	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Dibromomethane	74953	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
1,2-Dichlorobenzene	95501	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
1,3-Dichlorobenzene	541731	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
1,4-Dichlorobenzene	106467	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Dichlorodifluoromethane	75718	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
1,1-Dichloroethane	75343	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
1,2-Dichloroethane {I}	107062	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene {I}	75354	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Cis-1,2-Dichloroethene	156592	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Trans-1,2-Dichloroethene	156605	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
1,2-Dichloropropane {I}	78875	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Cis-1,3-Dichloropropene	NA	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Trans-1,3-Dichloropropene	NA	-	<1.0	<1.0	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Ethylbenzene {I}	100414	12	5.1	16	<10	**70**	**97**	**21**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.6	<1.0
Ethylene Dibromide	106934	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591786	-	<50	<50	<500	<500	<50	-	-	-	<50	<50	<50	<50	-	-	-	-
Iodomethane	NA	-	<1.0	<1.0	<10	<10	5.8	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Isopropylbenzene	98828	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
4-Methyl-2-Pentanone {I}	108101	-	<50	<50	<500	<500	<50	-	-	-	<50	<50	<50	<50	-	-	-	-
Methylene Chloride	75092	-	<5.0	<5.0	<50	<50	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
2-Methylnaphthalene	91576	-	6.1	<5.0	<50	<50	37	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-

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

		MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3 (DUP-2)	MW-4	MW-4	MW-4
Extraction Date		1/13/2005	8/8/2006	12/26/2006	3/28/2007	9/12/2007	-	NA	11/8/2001	1/13/2005	8/8/2006	12/26/2006	3/28/2007	9/12/2007	NA	11/8/2001	11/14/2003	6/11/2004
Anaylsis Date		1/13/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007	-	NA	11/8/2001	1/13/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007	NA	11/8/2001	11/14/2003	6/11/2004
Analytical Method		3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	-	NA	6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	NA	6020	6020	6020
Antimony	7440360	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-	2.5	<2.0	<2.0	<2.0	-		-	-
Arsenic	7440382	-	7.3	7.0	3.0	**13**	-	-	-	-	<5.0	1.0	<2.0	<2.0	-		-	-
Barium (B)	7440393	-	<100	130	48	132	-	-	-	-	140	140	95	131	-		-	-
Beryllium	7440417	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-		-	-
Cadmium (B)	7440439	-	<1.0	<0.50	<0.50	<0.50	-	-	-	-	<1.0	0.8	<0.5	<0.5	-		-	-
Chromium (B,H)	16065831	-	<10	<5.0	<5.0	15	-	-	-	-	<10	<5.0	<5.0	15	-		-	-
Cobalt	7440484	-	<20	<5.0	<5.0	<5.0	-	-	-	-	<20	<5.0	<5.0	<5.0	-		-	-
Copper (B)	7440508	-	4.8	<4.0	4.0	16	-	-	-	-	<4.0	<4.0	<4.0	<4.0	-		-	-
Iron (B)	7439896	-	4,400	1,850	**7,970**	**10,500**	-	-	-	-	<200	340	300	1,220	-		-	-
Lead (Total)	7439921	<3.0	<3.0	<3.0	<3.0	<3.0	-	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	31	<3.0	<3.0	<3.0
Mercury (B,Z)	Varies	-	<0.20	<0.20	<0.20	<0.20	-	-	-	-	<0.20	<0.20	<0.20	<0.20	-	-	-	-
Molybdenum (B)	7439987	-	<50	<5.0	<5.0	<5.0	-	-	-	-	<50	<5.0	<5.0	<5.0	-	-	-	-
Nickel (B)	7440020	-	<20	<5.0	<5.0	7	-	-	-	-	<20	<5.0	<5.0	9	-	-	-	-
Selenium (B)	7782492	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
Silver (B)	7440224	-	<0.20	<0.20	<0.20	<0.20	-	-	-	-	0.20	<0.20	<0.20	<0.20	-	-	-	-
Thallium (B)	7440280	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-	<2.0	<1.0	<1.0	<1.0	-	-	-	-
Vanadium	7440622	-	<4.0	7.0	<2.0	6.0	-	-	-	-	<4.0	5.0	<2.0	5.0	-	-	-	-
Zinc (B)	7440666	-	<50	16	<5.0	6.0	-	-	-	-	<50	94	69	35	-	-	-	-

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

Table 3
Summary of Historical Groundwater Analytical Results
Isabella County Department of Public Works
400/420 East Third Street
Mt. Pleasant, Michigan
AKT Peerless Project No. 3218s

		MW-4	MW-4	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7
Extraction Date		12/4/2004	1/13/2005	8/9/2006	12/18/2006	3/21/2007	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	1/13/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	11/11/2001	1/13/2005
Anaylsis Date		12/4/2004	1/13/2005	8/21/2006	12/21/2006	3/29/2007	8/18/2006	12/22/2006	3/27/2007	9/11/2007	3/31/2010	1/13/2005	8/21/2006	12/22/2006	3/27/2007	9/11/2007	3/31/2010	11/11/2001	1/13/2005
Analytical Method		8260	5030B/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260	5030B/8260B
Acetone (1)	67641	-	-	<50	<50	<50	220	<500	<50	<50	<50	-	<50	<50	<50	<50	<50	-	-
Acrylonitrile (1)	107131	-	-	<2.0	<2.0	<2.0	<2.0	<20	<20	<20	<2.0	-	<2.0	<2.0	<2.0	<2.0	<2.0	-	-
Benzene (1)	71432	<1.0	<1.0	4.1	<1.0	<1.0	250	140	160	60	71	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	43	62
Bromobenzene (1)	108861	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromochloromethane	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromodichloromethane	75274	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromoform (1)	75252	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromomethane (1)	74839	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
n-Butylbenzene	104518	-	-	<5.0	<5.0	<5.0	7.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
sec-Butylbenzene	135988	-	-	<5.0	<5.0	<5.0	6.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
tert-Butylbenzene	98066	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
Carbon Tetrachloride (1)	56235	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chlorobenzene	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chloroethane	75003	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chloroform (1)	67663	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chloromethane	74873	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
2-Chlorotoluene	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
4-Chlorotoluene	106434	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dibromochloromethane	124481	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dibromo-3-Chloropropane	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dibromomethane	74953	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichlorobenzene	95501	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,3-Dichlorobenzene	541731	-	-	<1.0	<1.0	1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,4-Dichlorobenzene	106467	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dichlorodifluoromethane	75718	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
1,1-Dichloroethane	75343	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloroethane (1)	107062	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.5	<1.0
1,1-Dichloroethene (1)	75354	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Cis-1,2-Dichloroethene	156592	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trans-1,2-Dichloroethene	156605	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloropropane (1)	78875	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	1.5	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Cis-1,3-Dichloropropene	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trans-1,3-Dichloropropene	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Ethylbenzene (1)	100414	<1.0	<1.0	1.2	<1.0	<1.0	**1,000**	**300**	**460**	**330**	**260**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	**110**
Ethylene Dibromide	106934	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591786	-	-	<50	<50	<50	<50	<500	<500	<500	<50	-	<50	<50	<50	<50	<50	-	-
Iodomethane	NA	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	22	-	<1.0	<1.0	<1.0	<1.0	<5.0	-	-
Isopropylbenzene	98828	-	-	<5.0	<5.0	<5.0	82	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
4-Methyl-2-Pentanone (1)	108101	-	-	<50	<50	<50	<50	<50	<500	<500	55	-	<50	<50	<50	<50	<50	-	-
Methylene Chloride	75092	-	-	<5.0	<5.0	<5.0	<5.0	<500	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
2-Methylnaphthalene	91576	-	-	<5.0	<5.0	<5.0	230	100	60	60	35	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-

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

		MW-4	MW-4	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7
Sample Identification Number		57	63	101	114	141	102	134	142	-	-	64	103	132	143	-	-	30	65
Sample Depth/Screen Interval (Feet, bgs)		20.0-25.0	20.0-25.0	20.0-25.0	20.0-25.0	20.0-25.0	9.0-19.0	9.0-19.0	9.0-19.0	9.0-19.0	9.0-19.0	14.5-19.5	14.5-19.5	14.5-19.5	14.5-19.5	14.5-19.5	14.5-19.5	9.5-14.5	9.5-14.5
Sample Collection Date		11/23/2004	1/4/2005	8/9/2006	12/18/2006	3/21/2007	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	1/5/2005	8/8/2006	12/19/2006	3/20/2007	9/5/2007	3/26/2010	11/6/2001	1/5/2005
Volatile Organic Compounds (VOCs)	**CAS#**																		
MTBE	1634044	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	91203	-	-	<5.0	<5.0	<5.0	**270**	**100**	**110**	**100**	**88**	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
N-Propylbenzene (1)	103651	-	-	<1.0	<1.0	<1.0	200	70	90	80	51	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Styrene	100425	-	-	<1.0	<1.0	<1.0	<1.0	<10	<40	<40	1.7	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,1,1,2-Tetrachloroethane	630206	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,1,2,2-Tetrachloroethane	79345	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Tetrachloroethene	127184	-	-	1.2	<1.0	<1.0	1.9	<10	<10	<10	<1.0	-	1.1	<1.0	<1.0	<1.0	<1.0	-	-
Toluene	108883	<1.0	<1.0	1.8	<1.0	<1.0	**4,900**	**1,520**	**1,490**	**690**	**1,100**	1.0	<1.0	<1.0	<1.0	2.0	<1.0	3.9	10
1,2,4-Trichlorobenzene	120821	-	-	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
1,1,1-Trichloroethane	71556	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,1,2-Trichloroethane	79005	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trichloroethene	79016	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trichlorofluoromethane	75694	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2,3-Trichloropropane	96184	-	-	<1.0	<1.0	<1.0	<1.0	<10	<40	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2,3-Trimethylbenzene	526-73-8	-	-	-	-	-	-	-	-	-	150	-	-	-	-	-	<1.0	-	-
1,2,4-Trimethylbenzene	95636	<1.0	<1.0	<1.0	<1.0	<1.0	**1,600**	**700**	**910**	**530**	**450**	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14
1,3,5-Trimethylbenzene	108678	<1.0	<1.0	<1.0	<1.0	<1.0	**450**	**280**	**250**	**150**	**99**	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	11
Vinyl Chloride	75014	-	-	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Xylenes (1)	1330207	<3.0	<3.0	<3.0	<3.0	<3.0	**5,400**	**2,510**	**2,510**	**1,450**	**2,000**	6.2	<3.0	<3.0	<3.0	<3.0	<3.0	7.8	**110**
Total VOCs		0	0	8	0	1	14,770	5,750	6,040	3,480	4,456	12	1	0	0	2	0	74	317
Metals	**CAS#**																		
Extraction Date		12/3/2004	1/17/2005	8/9/2006	12/26/2006	3/28/2007	8/8/2006	12/26/2006	3/28/2007	9/12/2007	-	1/17/2005	8/8/2006	12/26/2006	3/28/2007	9/12/2007		11/8/2001	1/17/2005
Anaylsis Date		12/3/2004	1/17/2005	8/17/2006	12/26/2006	3/28/2007	8/17/2006	12/26/2006	3/28/2007	9/12/2007	-	1/17/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007		11/8/2001	1/17/2005
Analytical Method		6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	-	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020		6020	3005A/6020
Antimony	7440360	-	-	3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	-	<2.0	<2.0	<2.0	<2.0		-	-
Arsenic	7440382	-	-	<5.0	6.0	5.0	8.3	10	**21**	**23**	-	-	<5.0	2.0	<2.0	<2.0		-	-
Barium (B)	7440393	-	-	<100	15	217	<100	60	93	105	-	-	120	110	105	133		-	-
Beryllium	7440417	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	<1.0	<1.0	<1.0	<1.0		-	-
Cadmium (B)	7440439	-	-	**19**	**99.6**	**188**	<1.0	<0.50	<0.50	<0.50	-	-	<1.0	<0.50	<0.50	<0.50		-	-
Chromium (B,H)	16065831	-	-	<10	6.0	<5.0	<10	<5.0	<5.0	<5.0	-	-	<10	<5.0	<5.0	11		-	-
Cobalt	7440484	-	-	<20	<5.0	6.0	<20	<5.0	<5.0	<5.0	-	-	<20	<5.0	<5.0	<5.0		-	-
Copper (B)	7440508	-	-	<4.0	98	158	<4.0	<4.0	<4.0	<4.0	-	-	<4.0	<4.0	<4.0	<4.0		-	-
Iron (B)	7439896	-	-	<200	3,920	1,470	5,300	**5,720**	5,150	3,330	-	-	<200	640	580	2,540		-	-
Lead (Total)	7439921	<3.0	<3.0	<3.0	**174**	**228**	<3.0	<3.0	<3.0	<3.0	-	<3.0	<3.0	<3.0	<3.0	<3.0		<3.0	<3.0
Mercury (B,Z)	Varies	-	-	<0.20	2.9	<0.20	<0.20	<0.10	<0.10	<0.10	-	-	<0.20	<0.20	<0.20	<0.20		-	-
Molybdenum (B)	7439987	-	-	<50	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	-	<50	<5.0	<5.0	<5.0		-	-
Nickel (B)	7440020	-	-	<20	15	30	<20	<5.0	<5.0	6	-	-	<20	<5.0	5	12		-	-
Selenium (B)	7782492	-	-	**12**	**13**	**11**	<5.0	<5.0	<5.0	<5.0	-	-	<5.0	<5.0	<5.0	<5.0		-	-
Silver (B)	7440224	-	-	<0.20	<.30	<0.50	<0.20	<0.20	<0.20	<0.20	-	-	<0.20	<0.20	<0.20	<0.20		-	-
Thallium (B)	7440280	-	-	<2.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	-	-	<2.0	<2.0	<2.0	<2.0		-	-
Vanadium	7440622	-	-	<4.0	7.0	5.0	<4.0	<4.0	<4.0	3	-	-	<4.0	<5.0	<5.0	4		-	-
Zinc (B)	7440666	-	-	<50	790	1,230	<50	32	<5.0	6	-	-	<50	15	10	13		-	-

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

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

		MW-7	MW-7	MW-7	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10
Sample Identification Number		104	120	144	-		31	66	32	67	105	121	145	-	38	68	106	136
Sample Depth/Screen Interval (Feet, bgs)		4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	11.0-16.0	11.0-16.0	11.0-16.0	11.0-16.0	5.0-10.0	5.0-10.0	5.0-10.0	5.0-10.0	10.0-15.0	10.0-15.0	6.0-11.0	6.0-11.0
Sample Collection Date		8/8/2006	12/18/2006	3/20/2007	9/5/2007	3/26/2010	11/6/2001	1/5/2005	11/6/2001	1/4/2005	8/8/2006	12/18/2006	3/20/2007	9/5/2007	11/6/2001	1/4/2005	8/9/2006	12/19/2006
Volatile Organic Compounds (VOCs)	**CAS#**																	
Extraction Date		8/8/2006	12/18/2006	3/20/2007	9/5/2007	3/26/2010	11/12/2001	1/13/2005	11/10/2001	1/15/2005	8/8/2006	12/18/2006	3/20/2007	9/5/2007	11/11/2001	1/16/2005	8/9/2006	12/19/2006
Anaylsis Date		8/18/2006	12/21/2006	3/27/2007	9/11/2007	3/31/2010	11/12/2001	1/13/2005	11/10/2001	1/15/2005	8/21/2006	12/22/2006	3/27/2007	9/15/2007	11/11/2001	1/16/2005	8/21/2006	12/22/2006
Analytical Method		5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260	5030B/8260B	8260	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260	5030B/8260B	5030B/8260B	5030B/8260B
Acetone {I}	67641	<50	<500	<500	<500	<50	-	-	-	-	<50	<50	<50	<50	-	-	<500	<50
Acrylonitrile {I}	107131	<2.0	<20	<20	<20	<2.0	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	<20	<2.0
Benzene {I}	71432	**41**	**70**	**20**	**30**	**5.2**	<1.0	**68**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5,300**	**1,000**	**8,600**	**1,830**
Bromobenzene {I}	108861	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromochloromethane	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromodichloromethane	75274	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromoform	75252	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Bromomethane	74839	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
2-Butanone (MEK) {I}	78933	25	<300	<300	<300	<25	-	-	-	-	<25	<30	<30	<30	-	-	<250	<30
N-Butylbenzene	104518	9.0	<10	<10	<10	3.7	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Sec-Butylbenzene	135988	6.6	<10	<10	<10	2.7	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Tert-Butylbenzene {I}	98066	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Carbon Disulfide {I,R}	75150	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
Carbon Tetrachloride	56235	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Chlorobenzene {I}	108907	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Chloroethane	75003	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
Chloroform	67663	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Chloromethane {I}	74873	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
2-Chlorotoluene	NA	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
Dibromochloromethane	124481	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1-2,Dibromo-3-Chloropropane	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Dibromomethane	74953	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1,2-Dichlorobenzene	95501	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,3-Dichlorobenzene	541731	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,4-Dichlorobenzene	106467	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Dichlorodifluoromethane	75718	<5.0	<50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1,1-Dichloroethane	75343	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,2-Dichloroethane {I}	107062	<1.0	<10	<10	<10	<1.0	**5.6**	4.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
1,1-Dichloroethene {I}	75354	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Cis-1,2-Dichloroethene	156592	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Trans-1,2-Dichloroethene	156605	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,2-Dichloropropane {I}	78875	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Cis-1,3-Dichloropropene	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Trans-1,3-Dichloropropene	NA	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Ethylbenzene {I}	100414	**640**	**830**	**310**	**420**	**150**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**270**	**660**	**1,000**	**520**
Ethylene Dibromide	106934	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
2-Hexanone	591786	<50	<500	<500	<500	<50	-	-	-	-	<50	<50	<50	<50	-	-	<500	<50
Iodomethane	NA	<1.0	<10	<10	<10	19	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Isopropylbenzene	98828	48	70	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0

Table 3

Summary of Historical Groundwater Analytical Results

Imlay City Department of Public Works

400-420 East Third Street

Imlay City, Michigan

AKT Peerless Project No. 3218s

		MW-7	MW-7	MW-7	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10
Sample Identification Number		104	120	144	-		31	66	32	67	105	121	145	-	38	68	106	136
Sample Depth/Screen Interval (Feet, bgs)		4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	11.0-16.0	11.0-16.0	11.0-16.0	11.0-16.0	5.0-10.0	5.0-10.0	5.0-10.0	5.0-10.0	10.0-15.0	10.0-15.0	6.0-11.0	6.0-11.0
Sample Collection Date		8/8/2006	12/18/2006	3/20/2007	9/5/2007	3/26/2010	11/6/2001	1/5/2005	11/6/2001	1/4/2005	8/8/2006	12/18/2006	3/20/2007	9/5/2007	11/6/2001	1/4/2005	8/9/2006	12/19/2006
Volatile Organic Compounds (VOCs)	**CAS#**																	
1,1,2,2-Tetrachloroethane	79345	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Tetrachloroethene	127184	1.1	<10	<10	<10	<1.0	-	-	-	-	1.2	<1.0	<1.0	<1.0	-	-	<10	<1.0
Toluene	108883	19	30	<10	<10	1.2	<1.0	3.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4,500	3,800	4,400	1,240
1,2,4-Trichlorobenzene	120821	<5.0	50	<50	<50	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<50	<5.0
1,1,1-Trichloroethane	71556	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,1,2-Trichloroethane	79005	**20**	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Trichloroethene	79016	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Trichlorofluoromethane	75694	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,2,3-Trichloropropane	96184	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
1,2,3-Trimethylbenzene	526-73-8					55												
1,2,4-Trimethylbenzene	95636	17	**20**	<20	<20	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**52**	**140**	**230**	**90**
1,3,5-Trimethylbenzene	108678	18	**70**	20	20	4.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	26	45	20
Vinyl Chloride	75014	<1.0	<10	<10	<10	<1.0	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<10	<1.0
Xylenes (1)	1330207	**280**	**1,080**	**350**	**290**	**94**	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	**1,200**	**1,600**	**2,400**	**880**
Total VOCs		1,564	2,830	880	1,120	407	6	75	0	0	1	0	0	0	11,333	7,226	16,697	4,590
Metals	**CAS#**																	
Extraction Date		8/8/2006	12/26/2006	3/28/2007	9/12/2007	-	11/8/2001	1/17/2005	11/8/2001	1/17/2005	8/8/2006	12/26/2006	3/28/2007	9/12/2007	11/8/2001	1/17/2005	8/9/2006	12/26/2006
Anaylsis Date		8/17/2006	12/26/2006	3/28/2007	9/12/2007	-	11/8/2001	1/17/2005	11/8/2001	1/17/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007	11/8/2001	1/17/2005	8/17/2006	12/26/2006
Analytical Method		3050B/6020	3050B/6020	3050B/6020	3050B/6020	-	6020	6005A/6020	6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	6020	3005A/6020	3050B/6020	3050B/6020
Antimony	7440360	<2.0	<2.0	<2.0	<2.0	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	<2.0	<2.0
Arsenic	7440382	**53**	**34**	8	**42**	-	-	-	-	-	**41**	**12**	9	7	-	-	**38**	**49**
Barium (B)	7440393	<100	60	49	82	-	-	-	-	-	<100	15	121	26	-	-	<100	130
Beryllium	7440417	<1.0	<1.0	<1.0	<1.0	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	<1.0	<1.0
Cadmium (B)	7440439	<1.0	<.5	<.5	<.5	-	-	-	-	-	<1.0	<0.5	**11**	<0.5	-	-	<1.0	<0.50
Chromium (B,H)	16065831	<10	16.0	16.0	10.0	-	-	-	-	-	<10	<10	<5.0	<5.0	-	-	<10	<5.0
Cobalt	7440484	<20	<5.0	<5.0	<5.0	-	-	-	-	-	<20	<5.0	<5.0	<5.0	-	-	<20	<5.0
Copper (B)	7440508	4.8	4.0	4.0	4.0	-	-	-	-	-	<4.0	6.0	8.0	<4.0	-	-	<4.0	<4.0
Iron (B)	7439896	**27,000**	**31,900**	**10,300**	**19,900**	-	-	-	-	-	2,000	**30,600**	2,950	950	-	-	**8,000**	**10,100**
Lead (Total)	7439921	3.6	4.0	<3.0	<3.0	-	<3.0	<3.0	<3.0	<3.0	<3.0	5.0	5.0	5.0	<3.0	<3.0	<3.0	<3.0
Mercury (B,Z)	Varies	<0.20	<0.10	<0.10	<0.10	-	-	-	-	-	<0.20	<0.10	<0.20	<0.20	-	-	<0.20	<0.20
Molybdenum (B)	7439987	<50	<5.0	<5.0	<5.0	-	-	-	-	-	<50	<5.0	<5.0	<5.0	-	-	<50	<5.0
Nickel (B)	7440020	<20	<5.0	<5.0	6.0	-	-	-	-	-	<20	<5.0	<5.0	<5.0	-	-	<20	<5.0
Selenium (B)	7782492	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	<5.0	<5.0
Silver (B)	7440224	<0.20	<0.20	<0.20	<0.20	-	-	-	-	-	<0.20	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
Thallium (B)	7440280	<2.0	<1.0	<1.0	<1.0	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	<2.0	<2.0
Vanadium	7440622	10	<4.0	<2.0	6.0	-	-	-	-	-	<4.0	7.0	<2.0	3.0	-	-	<4.0	<4.0
Zinc (B)	7440666	<50	19	11	6.0	-	-	-	-	-	<50	39	57	23	-	-	<50	20

All results reported in ug/L

FD - Field Duplicate

TB - Trip Blank

"-" indicates parameter not tested

Bold indicates concentration which exceeds MDEQ criteria

Table 2

Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-[illegible] Second Street
Imlay City, Michigan
AKT Peerless Project No. 3218s

Sample ID	MW-10	MW-10	MW-10	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
Sample Date	3/21/2007	9/6/2007	11/12/2001	1/8/2003	8/8/2006	12/19/2006	3/21/2007	9/6/2007	3/26/2010	11/10/2001	1/15/2003	1/8/2003	8/8/2006	12/22/2006	3/21/2007	10/9/2007	3/19/2008
Analytical Method	5030B/8260B	5030B/8260B	8260	5030B/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	8260	5030B/8260B	5030B/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B
Acetone (1)	67641	<3000	<3000			230	<3,000	<3,000	<3,000	<50			<20	<20	<20	<50	<50
Acrylonitrile (1)	107131	<100	<100			<2.0	<200	<200	<2.0				<2.0	<2.0	<2.0	<2.0	<2.0
Benzene (1)	71432	3,340	2,195	3,000	860	190	3,500	3,100	3,500	1,700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5
Bromobenzene (1)	108861	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	NA	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	75274	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	75252	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	74839	<200	<200			<2.0	<20	<200	<200	<2.0			<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone (MEK) (1)	78933	<2000	<1000			4.30	<200	<2000	<2000	<25			<25	<25	<25	<50	<25
n-Butylbenzene	104518	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	135988	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene (1)	98066	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide (1,R)	75150	<300	<300	-	-	<5.0	<50	<500	<500	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	56235	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene (1)	108907	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	75003	<300	<300	-	-	<5.0	<50	<500	<500	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67663	<50	<50	-	-	4.3	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (1)	74873	<300	<300	-	-	15	<50	<500	<500	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chlorotoluene	NA					<5.0	<50	<500	<500	<5.0			<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	124481	<300	<300			<5.0	<50	<500	<500	<5.0			<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-Chloropropane	NA	<300	<300			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	74953	<300	<300			<5.0	<50	<500	<500	<5.0			<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	95501	<50	<50			<1.0	<10	<100	<100	<1.0			<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	541731	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	106467	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	75718	<300	<300	-	-	<5.0	<50	<500	<500	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	75343	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane (1)	107062	<140	<140	<20*	<1.0	<1.0	<10	<100	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene (1)	75354	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Cis-1,2-Dichloroethene	156592	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	156605	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane (1)	78875	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Cis-1,3-Dichloropropene	NA	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	NA	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene (1)	100414	**920**	**1,210**	**1,200**	**1,300**	**110**	**1,600**	**1,500**	**1,100**	**1,900**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylene Dibromide	106934	<50	<50	<20*	<1.0	<1.0	<10	<100	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591786	<3000	<3000	-	-	<50	<50	<500	<500	<50	-	-	<50	<50	<50	<50	<50
Iodomethane	NA	<50	<50	-	-	<1.0	<10	<100	<100	<5.0	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	98828	<300	<300	-	-	53	<50	<500	<500	91	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-Pentanone (1)	108101	<3000	<3000	-	-	<50	<50	<500	<500	<50	-	-	<50	<50	<50	<50	<50
Methylene Chloride	75092	<300	<300	-	-	<5.0	<50	<500	<500	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
2-Methylnaphthalene	91576	<300	<300	-	-	<5.0	<50	<500	<500	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0

Table 3
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400 E. Third Street
Imlay City, Michigan
AKT Peerless Project No. 2018-

		MW-10	MW-10	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13	MW-13	MW-14
Volatile Organic Compounds																		
MTBE	1634044	<300	<300	<100*	<5.0	<5.0	<50	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	91203	<300	<300	-	-	**240**	<50	<500	<500	150	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
N-Propylbenzene (I)	103651	<50	<50	-	-	110	100	100	100	160	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100425	<50	<50	-	-	<1.0	<10	<100	<100	6.9	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	630206	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79345	<50	<50	-	-	<1.0	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	127184	<50	<50	-	-	1.1	<10	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	108883	**4,530**	**2,390**	**4,400**	**890**	**500**	**4,000**	**8,000**	**4,100**	**7,600**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	120821	<300	<300	-	-	<5.0	<50	<500	<500	<5.0	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	71556	<50	<50	-	-	<1.0	<10	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79005	<50	<50	-	-	<1.0	<10	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	79016	<50	<50	-	-	<1.0	<10	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	75694	<50	<50	-	-	<1.0	<10	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	96184	<50	<50	-	-	<1.0	<10	<10	<10	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trimethylbenzene	526-73-8																	
1,2,4-Trimethylbenzene	95636	**230**	**380**	**240**	**260**	**300**	**400**	**600**	**200**	**980**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	108678	<50	**120**	**78**	**90**	**110**	**200**	**200**	<100	250	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	75014	<50	<50	-	-	<1.0	<1.0	<100	<100	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (1)	1330207	**2,380**	**2,740**	**1,600**	**2,400**	**240**	**3,600**	**5,000**	**2,300**	**8,000**	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Total VOCs		12,000	8,940	10,518	5,740	2,231	12,900	17,500	11,300	20,842	0	0	0	0	0	0	0	2
Metals	**CAS#**																	
Extraction Date		3/28/2007	9/12/2007	11/8/2001	1/17/2005	8/9/2006	12/26/2006	3/28/2007	9/12/2007		11/8/2001	1/17/2005	1/17/2005	8/10/2006	12/26/2006	3/28/2007	10/12/2007	8/10/2006
Anaylsis Date		3/28/2007	9/12/2007	11/8/2001	1/17/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007		11/8/2001	1/17/2005	1/17/2005	8/17/2006	12/26/2006	3/28/2007	10/12/2007	8/17/2006
Analytical Method		3050B/6020	3050B/6020	6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020		6020	3005A/6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	3005A/6020
Antimony	7440360	<2.0	<2.0	-	-	<2.0	<2.0	<2.0	<2.0		-	-	-	<2.0	<2.0	<2.0	<2.0	2.6
Arsenic	7440382	**32**	**44**	-	-	**44**	**46**	**38**	**43**		-	-	-	**16**	**11**	10	7	9.1
Barium (B)	7440393	59	98	-	-	<100	90	88	94		-	-	-	110	110	156	196	310
Beryllium	7440417	<1.0	<1.0	-	-	<1.0	<1.0	<1.0	<1.0		-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium (B)	7440439	<0.50	<0.50	-	-	<1.0	<0.50	<0.50	<0.50		-	-	-	<1.0	0.6	<0.50	<0.50	<1.0
Chromium (B,H)	16065831	<5.0	9	-	-	<10	<5.0	<5.0	10		-	-	-	<10	<5.0	<5.0	<5.0	<10
Cobalt	7440484	<5.0	<5.0	-	-	<20	<5.0	<5.0	<5.0		-	-	-	<20	<5.0	<5.0	<5.0	<20
Copper (B)	7440508	<4.0	<4.0	-	-	<4.0	<4.0	<4.0	<4.0		-	-	-	10	9.0	17	1	<4.0
Iron (B)	7439896	**8,080**	**8,750**	-	-	**6,300**	**10,800**	**9,400**	**7,610**		-	-	-	4,600	**19,100**	4,200	940	1,400
Lead (Total)	7439921	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		<3.0	<3.0	<3.0	**4.7**	**6.0**	**10**	<3.0	<3.0
Mercury (B,Z)	Varies	<0.20	<0.20	-	-	<0.20	<0.10	<0.20	<0.20		-	-	-	<0.20	<0.10	<0.20	<0.20	<0.20
Molybdenum (B)	7439987	8	7	-	-	<50	<5.0	6.0	10.0		-	-	-	<50	<5.0	<5.0	<5.0	<50
Nickel (B)	7440020	<5.0	5	-	-	<20	<5.0	14	<5		-	-	-	<20	5.0	15	6	<20
Selenium (B)	7782492	<5.0	<5.0	-	-	<5.0	<5.0	<5.0	<5.0		-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0
Silver (B)	7440224	<0.20	<0.20	-	-	<0.20	<0.20	<0.20	<0.20		-	-	-	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium (B)	7440280	<2.0	<2.0	-	-	<2.0	<2.0	<2.0	<2.0		-	-	-	<2.0	<1.0	<1.0	<1.0	<2.0
Vanadium	7440622	<4.0	3	-	-	<4.0	<4.0	<4.0	4		-	-	-	7.0	5.0	5.0	<4.0	4.3
Zinc (B)	7440666	5.0	<5.0	-	-	<50	18	<5.0	<5.0		-	-	-	<50	36	43	11	70

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

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

		MW-14	MW-14	MW-14	MW-15	MW-15	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-17	MW-17	MW-17	MW-17	MW-DEQ-1	MW-DEQ-1	MW-DEQ-1
Sample Identification Number		123	149	-	124	150	110	125	151	-	-	111	126	152	-	NA	36	71
Sample Depth/Screen Interval (Feet, bgs)		13.0-23.0	13.0-23.0	13.0-23.0	5.0-10.0	5.0-10.0	10.0-20.0	10.0-20.0	10.0-20.0	10.0-20.0	10.0-20.0	23.0-33.0	23.0-33.0	23.0-33.0	23.0-33.0	NA	15.0-25.0	15.0-25.0
Sample Collection Date		12/18/2006	3/20/2007	9/6/2007	12/18/2006	3/21/2007	8/9/2006	12/18/2006	3/21/2007	9/6/2007	3/26/2010	8/10/2006	12/18/2006	3/21/2007	9/6/2007	7/20/2000	11/6/2001	1/5/2005
Volatile Organic Compounds (VOCs)	**CAS#**																	
Extraction Date		12/18/2006	3/20/2007	9/6/2007	12/18/2006	3/21/2007	8/9/2006	12/18/2006	3/21/2007	9/6/2007	3/26/2010	8/10/2006	12/18/2006	3/21/2007	9/6/2007	NA	11/12/2001	1/16/2005
Anaylsis Date		12/22/2006	3/27/2007	9/11/2007	12/22/2006	3/29/2007	8/20/2006	12/27/2006	3/29/2007	9/12/2007	3/31/2010	8/20/2006	12/26/2006	3/29/2007	9/11/2007	NA	11/12/2001	1/16/2005
Analytical Method		5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	5030B/8260B	8260/624	8260	5030B/8260B
Acetone {1}	67641	<50	<50	<50	<50	<50	200	<500	<500	<500	<500	<50	<50	<50	<50	-	-	-
Acrylonitrile {1}	107131	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	-	-	-
Benzene {1}	71432	<1.0	<1.0	<1.0	<1.0	**20**	**500**	**1,100**	**1,000**	**410**	**430**	**170**	**25**	<1.0	3	**3,100**	**1,900**	3.5
Bromobenzene {1}	108861	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Bromochloromethane	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Bromodichloromethane	75274	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Bromoform	75252	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Carbon Disulfide {I,R}	75150	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
Carbon Tetrachloride	56235	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Chlorobenzene {1}	108907	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Chloroethane	75003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
Chloroform	67663	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Chloromethane {1}	74873	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
2-Chlorotoluene	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
Dibromochloromethane	124481	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1-2,Dibromo-3-Chloropropane	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Dibromomethane	74953	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1,2-Dichlorobenzene	95501	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,3-Dichlorobenzene	541731	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,4-Dichlorobenzene	106467	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Dichlorodifluoromethane	75718	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1,1-Dichloroethane	75343	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,2-Dichloroethane {1}	107062	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<100*	<1.0	<1.0
1,1-Dichloroethene {1}	75354	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Cis-1,2-Dichloroethene	156592	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Trans-1,2-Dichloroethene	156605	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,2-Dichloropropane {1}	78875	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Cis-1,3-Dichloropropene	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Trans-1,3-Dichloropropene	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Ethylbenzene {1}	100414	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Hexachlorobutadiene	87683	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
Isopropylbenzene	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
4-Methyl-2-Pentanone {1}	108101	<50	<50	<50	<50	<50	<50	<500	<500	<500	<500	<50	<50	<50	<50	-	-	-
Methylene Chloride	75092	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
2-Methylnaphthalene	91576	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<100*	-	-

Table 3
Summary of Historical Groundwater Analytical Results
Imlay City Department of Public Works
400-420 East 32nd Street
Imlay City, Michigan
ART Peerless Project No. 3218s

		MW-14	MW-14	MW-14	MW-15	MW-15	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-16 (Adjacent to former MW-DEQ-3)	MW-17	MW-17	MW-17	MW-17	MW-DEQ-1	MW-DEQ-1	MW-DEQ-1
Volatile Organic Compounds (VOCs)																		
MTBE	1634044	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0
Naphthalene	91203	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	7.9	<5.0	<5.0	<5.0	<5.0	<500	-	-
N-Propylbenzene (1)	103651	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	2.5	<1.0	<1.0	<1.0	<1.0	-	-	-
Styrene	100425	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,1,1,2-Tetrachloroethane	630206	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,1,2,2-Tetrachloroethane	79345	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Tetrachloroethene	127184	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Toluene	108883	<1.0	<1.0	<1.0	<1.0	3.0	84	<10	70	<10	140	16	<1.0	<1.0	<1.0	12,000	6,900	550
1,2,4-Trichlorobenzene	120821	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	-	-	-
1,1,1-Trichloroethane	71556	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,1,2-Trichloroethane	79005	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Trichloroethene	79016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
Trichlorofluoromethane	75694	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,2,3-Trichloropropane	96184	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	-	-	-
1,2,3-Trimethylbenzene	526-73-8										5.5							
1,2,4-Trimethylbenzene	95636	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	14	<1.0	<1.0	<1.0	<1.0	3,800	470	2,000
1,3,5-Trimethylbenzene	108678	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2,100	89	520
Vinyl Chloride	75014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-
Xylenes (1)	1330207	<3.0	<3.0	<3.0	<3.0	<3.0	32	<30	<30	<30	630	31	3	<3.0	<3.0	8,900	3,700	5,100
Total VOCs		0	0	0	0	23	923	1,120	1,090	430	1,875	231	30	0	3	28,030	13,759	9,064

Metals	CAS#																	
Extraction Date		12/26/2006	3/28/2007	9/12/2007	12/26/2006	3/28/2007	8/9/2006	12/26/2006	3/28/2007	9/12/2007	-	8/10/2006	8/10/2006	3/28/2007	9/12/2007	NA	11/8/2001	1/17/2005
Anaylsis Date		12/26/2006	3/28/2007	9/12/2007	12/26/2006	3/28/2007	8/17/2006	12/26/2006	3/28/2007	9/12/2007	-	8/17/2006	8/17/2006	3/28/2007	9/12/2007	NA	11/8/2001	1/17/2005
Analytical Method		3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	3005A/6020	-	3005A/6020	3005A/6020	3005A/6020	3005A/6020	NA	6020	3005A/6020
Antimony	7440360	<2.0	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<2.0	-	-	-
Arsenic	7440382	**55**	**25**	**66**	3.0	**15**	7.5	**26**	**18**	**38**	-	8.0	6.0	<2.0	<2.0	-	-	-
Barium (B)	7440393	350	343	406	50	791	150	160	128	97	-	<100	210	308	164	-	-	-
Beryllium	7440417	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	-	-	-
Cadmium (B)	7440439	0.6	<0.50	<0.50	1.0	**48**	<1.0	<1.0	<0.50	<0.50	-	<1.0	<1.0	<0.50	<0.50	-	-	-
Chromium (B,H)	16065831	7.0	<5.0	19.0	<5.0	18	<10	11	<5.0	15	-	<10	<10	<5.0	6	-	-	-
Cobalt	7440484	<5.0	<5.0	<5.0	<5.0	59	<20	<20	5	5	-	<20	<5.0	<5.0	<5.0	-	-	-
Copper (B)	7440508	<4.0	<4.0	<4.0	7.0	95	<4.0	<4.0	<4.0	12	-	<4.0	<4.0	<4.0	<4.0	-	-	-
Iron (B)	7439896	**7,300**	4,090	4,180	2,980	24	510	**19,400**	**22,000**	**37,700**	-	1,700	3,510	690	1,420	-	-	-
Lead (Total)	7439921	5.0	3.0	3.0	9.0	**133**	<3.0	<3.0	<3.0	3	-	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Mercury (B,Z)	Varies	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	-	<0.20	<0.20	<0.20	<0.20	-	-	-
Molybdenum (B)	7439987	<5.0	5.0	8.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	<50	<5.0	<5.0	<5.0	-	-	-
Nickel (B)	7440020	5.0	5.0	7.0	<5.0	69	<20	7.0	10.0	17.0	-	<20	6.0	7.0	7.0	-	-	-
Selenium (B)	7782492	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	<5.0	<5.0	-	-	-
Silver (B)	7440224	<0.20	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	-	<0.20	<0.20	<0.20	<0.20	-	-	-
Thallium (B)	7440280	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	-	<2.0	<2.0	<2.0	<2.0	-	-	-
Vanadium	7440622	9.0	4.0	7.0	6.0	**33**	4.4	5.0	<2.0	7.0	-	5.0	4.0	<2.0	3.0	-	-	-
Zinc (B)	7440666	22	16	11	31	373	<50	17	17	20	-	<50	16	13	2	-	-	-

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

Sample Identification Number		72	NA	73	NA	34	52	55	58	74	112	127	153	-	-	NA	35	75
Sample Depth/Screen Interval (Feet, bgs)		15.0-25.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	5.0-10.0	5.0-10.0	5.0-10.0	5.0-10.0	5.0-10.0	6.0-11.0	6.0-11.0	6.0-11-0
Sample Collection Date		1/5/2005	7/19/2000	1/4/2005	7/19/2000	11/6/2001	11/4/2003	6/2/2004	11/23/2004	1/4/2005	8/8/2006	12/18/2006	3/21/2007	9/6/2007	3/26/2010	7/19/2000	11/6/2001	1/5/2005
Volatile Organic Compounds (VOCs)	**CAS#**																	
Acrylonitrile (1)	107131	-	-	-	-	-	-	-	-	-	<20	<20	<20	<20	<20	-	-	-
Benzene (1)	71432	11,000-6	16,000	17,000	6,500	9.4	2,600	4,500	5,400	1,300	930	30	<10	170	130	<1.0	<1.0	<1.0
Bromobenzene (1)	108861	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<10	-	-	-
Bromochloromethane	NA	-	-	-	-	-	-	-	-	-	<10	<10	<10	<10	<10	-	-	-
Bromodichloromethane	75274	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<10	-	-	-
Bromoform	75252	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<10	-	-	-
Bromomethane	74839	-	-	-	-	-	-	-	-	-	<5.0	<50	<50	<50	<5.0	-	-	-
2-Butanone (MEK) (1)	78933	-	-	-	-	-	-	-	-	-	82	<300	<300	<300	<25	-	-	-
N-Butylbenzene (1)	104518	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	30	4.2	-	-	-
Sec-Butylbenzene	135988	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	2.2	-	-	-
Tert-Butylbenzene (1)	98066	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Carbon Disulfide (LR)	75150	-	-	-	-	-	-	-	-	-	<5.0	<50	<50	<50	<5.0	-	-	-
Carbon Tetrachloride	56235	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Chlorobenzene (1)	108907	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Chloroethane	75003	-	-	-	-	-	-	-	-	-	<5.0	<50	<50	<50	<5.0	-	-	-
Chloroform	67663	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1,2-Dichlorobenzene	95501	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,3-Dichlorobenzene	541731	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,4-Dichlorobenzene	106467	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Dichlorodifluoromethane	75718	-	-	-	-	-	-	-	-	-	<5.0	<50	<50	<50	<5.0	-	-	-
1,1-Dichloroethane	75343	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,2-Dichloroethane (1)	107062	<100*	<1.0	<100*	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene (1)	75354	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Cis-1,2-Dichloroethene	156592	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Trans-1,2-Dichloroethene	156605	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,2-Dichloropropane (1)	78875	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Cis-1,3-Dichloropropene	NA	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Trans-1,3-Dichloropropene	NA	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Ethylbenzene (1)	100414	**4,400**	**1,600**	**4,200**	**830**	**48**	**480**	**1,200**	**1,400**	**760**	**810**	**160**	**180**	**360**	**170**	<1.0	<1.0	<1.0
Ethylene Dibromide	106934	<100*	<1.0	<100*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591786	-	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<50	-	-	-
Iodomethane	NA	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	12	-	-	-
Isopropylbenzene	98828	-	-	-	-	-	-	-	-	-	41	<50	<50	<50	<5.0	-	-	-
4-Methyl-2-Pentanone (1)	108101	-	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<50	-	-	-
Methylene Chloride	75092	-	-	-	-	-	-	-	-	-	<5.0	<50	<50	<50	<5.0	-	-	-
2-Methylnaphthalene	91576	-	7.5	-	7.5	-	-	-	-	-	190	<50	<50	<50	7.4	<5.0	-	-

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

		MW-DEQ-2	MW-DEQ-3 (Excavated 03/06)	MW-DEQ-3 (Excavated 03/06)	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-4	MW-DEQ-5	MW-DEQ-5	MW-DEQ-5
Sample Identification Number		72	NA	73	NA	34	52	55	58	74	112	127	153	-	-	NA	35	75
Sample Depth/Screen Interval (Feet, bgs)		15.0-25.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	6.0-11.0	5.0-10.0	5.0-10.0	5.0-10.0	5.0-10.0	5.0-10.0	6.0-11.0	6.0-11.0	6.0-11-0
Sample Collection Date		1/5/2005	7/19/2000	1/4/2005	7/19/2000	11/6/2001	11/4/2003	6/2/2004	11/23/2004	1/4/2005	8/8/2006	12/18/2006	3/21/2007	9/6/2007	3/26/2010	7/19/2000	11/6/2001	1/5/2005
Volatile Organic Compounds (VOCs)	**CAS#**																	
MTBE	1634044	<500*	40	<500*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0
Naphthalene	91203	-	**250**	-	**190**	-	-	-	-	-	**300**	<50	**60**	**130**	**25**	<5.0	-	-
N-Propylbenzene (1)	103651	-	-	-	-	-	-	-	-	-	99	20	40	60	16	-	-	-
Styrene	100425	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,1,1,2-Tetrachloroethane	630206	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,1,2,2-Tetrachloroethane	79345	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Tetrachloroethene	127184	-	-	-	-	-	-	-	-	-	1.1	<10	<10	<10	<1.0	-	-	-
Toluene	108883	**39,000**	**24,000**	**37,000**	**3,900**	10	**3,300**	**4,000**	**6,600**	**1,700**	**290**	30	20	50	17	1.3	<1.0	<1.0
1,2,4-Trichlorobenzene	120821	-	-	-	-	-	-	-	-	-	<5.0	<50	<50	<50	<5.0	-	-	-
1,1,1-Trichloroethane	71556	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,1,2-Trichloroethane	79005	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Trichloroethene	79016	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
Trichlorofluoromethane	75694	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,2,3-Trichloropropane	96184	-	-	-	-	-	-	-	-	-	<1.0	<10	<10	<10	<1.0	-	-	-
1,2,3-Trimethylbenzene	526-73-8														59			
1,2,4-Trimethylbenzene	95636	**5,700**	**1,000**	**6,000**	**580**	**51**	**350**	**810**	**1,000**	**720**	**700**	**170**	**300**	**450**	**130**	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	108678	**1,500**	**210**	**1,600**	**150**	8.8	**92**	**220**	**270**	**180**	**200**	**50**	**70**	**100**	14	<1.0	<1.0	<1.0
Vinyl Chloride	75014	-	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	-
Xylenes (1)	1330207	**26,000**	**8,500**	**26,000**	**2,860**	**140**	**2,800**	**6,300**	**7,300**	**3,700**	**3,800**	**780**	**820**	**1,450**	**410**	<2.0	<3.0	<3.0
Total VOCs		87,600	51,608	91,800	15,019	267	9,622	17,430	21,970	8,260	7,563	1,240	1,490	2,800	997	1	0	0
Metals	**CAS#**																	
Extraction Date		1/17/2005			NA	11/8/2001	11/14/2003	6/11/2004	12/3/2004	1/17/2005	8/8/2006	12/26/2006	3/28/2007	9/12/2007	-	NA	11/8/2001	1/17/2005
Anaylsis Date		1/17/2005			NA	11/8/2001	11/14/2003	6/11/2004	12/3/2004	1/17/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007	-	NA	11/8/2001	1/17/2005
Analytical Method		3005A/6020			NA	6020	6020	6020	6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	-	NA	6020	3005A/6020
Antimony	7440360	-	-	-	-	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-
Arsenic	7440382	-	-	-	-	-	-	-	-	-	**70**	**26**	**15**	**39**	-	-	-	-
Barium (B)	7440393	-	-	-	-	-	-	-	-	-	<100	70	64	70	-	-	-	-
Beryllium	7440417	-	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-	-
Cadmium (B)	7440439	-	-	-	-	-	-	-	-	-	<1.0	1.1	<0.50	<0.50	-	-	-	-
Chromium (B,H)	16065831	-	-	-	-	-	-	-	-	-	<10	<5.0	<5.0	12	-	-	-	-
Cobalt	7440484	-	-	-	-	-	-	-	-	-	<20	<5.0	<5.0	<5.0	-	-	-	-
Copper (B)	7440508	-	-	-	-	-	-	-	-	-	<4.0	<4.0	<4.0	<4.0	-	-	-	-
Iron (B)	7439896	-	-	-	-	-	-	-	-	-	**11,000**	5,570	5,600	**6,280**	-	-	-	-
Lead (Total)	7439921	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	4.0	<3.0	<3.0	-	<3.0	<3.0	<3.0
Mercury (B,Z)	Varies	-	-	-	-	-	-	-	-	-	<0.20	<0.10	<0.20	<0.20	-	-	-	-
Molybdenum (B)	7439987	-	-	-	-	-	-	-	-	-	<50	<5.0	<5.0	<5.0	-	-	-	-
Nickel (B)	7440020	-	-	-	-	-	-	-	-	-	<20	<5.0	<5.0	5	-	-	-	-
Selenium (B)	7782492	-	-	-	-	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-	-
Silver (B)	7440224	-	-	-	-	-	-	-	-	-	<0.20	<0.20	<0.20	<0.20	-	-	-	-
Thallium (B)	7440280	-	-	-	-	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	-	-
Vanadium	7440622	-	-	-	-	-	-	-	-	-	<4.0	5.0	<2.0	4.0	-	-	-	-
Zinc (B)	7440666	-	-	-	-	-	-	-	-	-	<50	27	29	6	-	-	-	-

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

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

		MW-DEQ-1	MW-DEQ-2	MW-DEQ-3	MW-DEQ-4	MW-DEQ-5	MW-DEQ-6	MW-DEQ-7	MW-DEQ-8	MW-DEQ-9	MW-DEQ-10	MW-DEQ-11	MW-DEQ-12	MW-DEQ-13	MW-DEQ-14	MW-DEQ-15
Sample Identification Number		NA	26	76	NA	33	53	56	77	113	128	154	-	-	40	41
Sample Depth/Screen Interval (Feet, bgs)		16.5-21.5	16.5-21.5	16.5-21.5	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	NA	NA
Sample Collection Date		7/19/2000	11/5/2001	1/4/2005	7/19/2000	11/6/2001	11/4/2003	11/23/2004	1/5/2005	8/9/2006	12/18/2006	3/20/2007	9/6/2007	3/26/2010	1/23/2002	1/23/2002
Volatile Organic Compounds (VOCs)	**CAS#**															
Extraction Date		NA	11/10/2001	1/17/2005	NA	11/10/2001	11/13/2003	12/7/2004	1/16/2005	8/9/2006	12/18/2006	3/20/2007	9/6/2007	3/26/2010	1/31/2002	1/31/2002
Anaylsis Date		NA	11/10/2001	1/17/2005	NA	11/10/2001	11/13/2003	12/7/2004	1/16/2005	8/22/2006	12/26/2006	3/29/2007	9/11/2007	3/31/2010	1/31/2002	1/31/2002
Analytical Method		8260/624	8260	5030B/8260B	8260/624	8260	8260	8260	5030B/826B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	5035/8260B	8260	8260
Acetone (I)	67641	-	-	-	-	-	-	-	-	63	<50	<50	50	<50	-	-
Acrylonitrile (I)	107131	-	-	-	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	<2.0	-	-
Benzene (I)	71432	1.2	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**7,000**	**760**
Bromobenzene (I)	108861	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromochloromethane	NA	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromodichloromethane	75274	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromoform	75252	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Bromomethane	74839	-	-	-	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
2-Butanone (MEK) (I)	78933	-	-	-	-	-	-	-	-	<25	<25	<25	<25	<25	-	-
N-Butylbenzene	104518	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Sec-Butylbenzene	135988	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Tert-Butylbenzene (I)	98066	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Carbon Disulfide (I)		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Carbon Tetrachloride (I)		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chlorobenzene (I)		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chloroethane		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chloroform (I)		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Chloromethane		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
2-Chlorotoluene		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
4-Chlorotoluene		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dibromochloromethane		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dibromo-3-Chloropropane		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dibromomethane		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichlorobenzene		-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,3-Dichlorobenzene	541731	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,4-Dichlorobenzene	106467	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Dichlorodifluoromethane	75718	-	-	-	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
1,1-Dichloroethane	75343	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloroethane (I)	107062	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.9**
1,1-Dichloroethene (I)	75354	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Cis-1,2-Dichloroethene	156592	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trans-1,2-Dichloroethene	156605	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2-Dichloropropane (I)	78875	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Cis-1,3-Dichloropropene	NA	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trans-1,3-Dichloropropene	NA	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Ethylbenzene (I)	100414	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1,000	1.4
Ethylene Dibromide	106934	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	591786	-	-	-	-	-	-	-	-	<50	<50	<50	<50	<50	-	-
Isopropylbenzene	NA	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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

		MW-DEQ-6	MW-DEQ-6	MW-DEQ-6	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	MW-DEQ-7	TMW-1A	TMW-2A
Sample Identification Number		NA	26	76	NA	33	53	56	77	113	128	154	-	-	40	41
Sample Depth/Screen Interval (Feet, bgs)		16.5-21.5	16.5-21.5	16.5-21.5	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	19.0-24.0	NA	NA
Sample Collection Date		7/19/2000	11/5/2001	1/4/2005	7/19/2000	11/6/2001	11/4/2003	11/23/2004	1/5/2005	8/9/2006	12/18/2006	3/20/2007	9/6/2007	3/26/2010	1/23/2002	1/23/2002
Volatile Organic Compounds (VOCs)	**CAS#**															
MTBE	1634044	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11	8.0
Naphthalene	91203	<5.0	-	-	<5.0	-	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
N-Propylbenzene (1)	103651	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Styrene	100425	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,1,1,2-Tetrachloroethane	630206	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,1,2,2-Tetrachloroethane	79345	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Tetrachloroethene	127184	-	-	-	-	-	-	-	-	1.1	<1.0	<1.0	<1.0	<1.0	-	-
Toluene	108883	1.4	<1.0	<1.0	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**8,600**	13
1,2,4-Trichlorobenzene	120821	-	-	-	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
1,1,1-Trichloroethane	71556	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,1,2-Trichloroethane	79005	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trichloroethene	79016	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Trichlorofluoromethane	75694	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2,3-Trichloropropane	96184	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1,2,3-Trimethylbenzene	526-73-8															
1,2,4-Trimethylbenzene	95636	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	**210**	1.5
1,3,5-Trimethylbenzene	108678	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**190**	<1.0
Vinyl Chloride	75014	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
Xylenes (1)	1330207	<2.0	<3.0	<3.0	3.4	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	**4,700**	5.9
Total VOCs		3	0	0	8	0	0	0	0	65	0	0	50	0	21,711	797
Metals	**CAS#**															
Extraction Date		NA	11/8/2001	1/17/2005	NA	11/8/2001	11/14/2003	12/3/2004	1/17/2005	8/9/2006	12/26/2006	3/28/2007	9/12/2007	-	1/28/2002	1/28/2002
Anaylsis Date		NA	11/8/2001	1/17/2005	NA	11/8/2001	11/14/2003	12/3/2004	1/17/2005	8/17/2006	12/26/2006	3/28/2007	9/12/2007	-	1/28/2002	1/28/2002
Analytical Method		NA	6020	3005A/6020	NA	6020	6020	6020	3005A/6020	3050B/6020	3050B/6020	3050B/6020	3050B/6020	-	6020	6020
Antimony	7440360	-	-	-	-	-	-	-	-	<2.0	<2.0	<2.0	<2.0	-	-	-
Arsenic	7440382	-	-	-	-	-	-	-	-	5.3	3.0	<2.0	3.0	-	-	-
Barium (B)	7440393	-	-	-	-	-	-	-	-	<100	30	75	46	-	-	-
Beryllium	7440417	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	-	-	-
Cadmium (B)	7440439	-	-	-	-	-	-	-	-	<1.0	<0.5	<0.50	<0.50	-	-	-
Chromium (B,H)	16065831	-	-	-	-	-	-	-	-	<10	<5.0	<5.0	9	-	-	-
Cobalt	7440484	-	-	-	-	-	-	-	-	<20	<5.0	<5.0	<5.0	-	-	-
Copper (B)	7440508	-	-	-	-	-	-	-	-	18	<4.0	20	21	-	-	-
Iron (B)	7439896	-	-	-	-	-	-	-	-	4,100	870	1,830	1,480	-	-	-
Lead (Total)	7439921	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	12	4.0	8.0	5.0	-	-	-
Mercury (B,Z)	Varies	-	-	-	-	-	-	-	-	<0.20	<0.10	<0.20	<0.20	-	-	-
Molybdenum (B)	7439987	-	-	-	-	-	-	-	-	<50	<5.0	<5.0	<5.0	-	-	-
Nickel (B)	7440020	-	-	-	-	-	-	-	-	<20	<5.0	8	10	-	-	-
Selenium (B)	7782492	-	-	-	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	-	-	-
Silver (B)	7440224	-	-	-	-	-	-	-	-	<0.20	0.40	<0.50	<0.50	-	-	-
Thallium (B)	7440280	-	-	-	-	-	-	-	-	<2.0	<1.0	<1.0	<1.0	-	-	-
Vanadium	7440622	-	-	-	-	-	-	-	-	**18**	<4.0	4	10	-	-	-
Zinc (B)	7440666	-	-	-	-	-	-	-	-	190	42	43	64	-	-	-

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

Appendix G

Regulatory Database Report

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

Inquiry Number: 6965316.2s
May 04, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (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):	43.0236500 - 43ˆ 1' 25.14''
Longitude (West):	83.0726680 - 83ˆ 4' 21.60''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	331117.7
UTM Y (Meters):	4765310.5
Elevation:	815 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	400 & 410 EAST THIRD	400 & 410 E. THIRD S	BROWNFIELDS, PART 201		TP
A5	CITY OF IMLAY CITY/P	400 E 3RD ST	RGA LUST		TP
A6	CITY OF IMLAY	400 E 3RD ST	RCRA-VSQG, FINDS, ECHO		TP
A7	IMLAY CITY. DEPT OF	400 EAST THIRD STREE	INVENTORY		TP
A8	CITY OF IMLAY CITY/P	400 E THIRD ST	RGA LUST		TP
A9	420 EAST THIRD STREE	420 EAST THIRD STREE	BEA	Lower	1 ft.
A10	SCHOENHALS MOTOR SAL	420 E THIRD ST	EDR Hist Auto	Lower	1 ft.
B11	JER EQUIPMENT	379 E 2ND ST	AST	Higher	198, 0.038, South
C12	TOTAL BULK PLANT #05	110 N CEDAR ST	LUST, UST, INVENTORY, BEA	Lower	227, 0.043, East
C13	IMLAY CITY OIL	100 N CEDAR ST	AST	Lower	243, 0.046, East
C14	TOTAL PETROLEUM (NOR	100 N CEDAR ST	AUL, AIRS, WDS	Lower	243, 0.046, East
C15	TOTAL BULK PLANT #05	100 NORTH CEDAR	AUL	Lower	243, 0.046, East
C16	TOTAL PETROLEUM (NOR	100 N CEDAR ST	RCRA-VSQG, FINDS, ECHO	Lower	243, 0.046, East
B17	18 NORTH CEDAR STREE	18 NORTH CEDAR STREE	INVENTORY, BEA	Higher	265, 0.050, SE
D18	325 EAST SECOND STRE	325 EAST SECOND STRE	INVENTORY, BEA	Higher	271, 0.051, SW
D19	MOLD MASTERS CO	325 E 2ND ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	271, 0.051, SW
D20	DTE ENERGY/MICH CON	255 E 2ND ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	283, 0.054, SW
E21	FORMER QUALITY TOWIN	120 N MAIN ST	LUST, UST, INVENTORY, BEA	Higher	402, 0.076, WNW
D22	300 E SECOND STREET	300 E SECOND STREET	BEA	Higher	457, 0.087, SW
F23	E J GREEN	150 N CEDAR ST	LUST, UST, AUL, INVENTORY, WDS	Lower	459, 0.087, NE
F24	GREEN ELDEN JAMES	150 N CEDAR ST	EDR Hist Auto	Lower	459, 0.087, NE
E25	THE COUNTRY CORNER	244 E 3RD ST	UST	Higher	493, 0.093, West
G26	AUTOZONE INC	225 S CEDAR ST	RCRA-VSQG	Lower	561, 0.106, SSE
G27	THERMOGAS CO	225 S CEDAR ST	AST	Lower	561, 0.106, SSE
F28	172 NORTH CEDAR STRE	172 NORTH CEDAR STRE	INVENTORY, BEA	Higher	613, 0.116, NE
H29	ARTPLACE CLEANERS	213 E THIRD ST	INVENTORY, DRYCLEANERS, WDS	Higher	704, 0.133, WNW
H30	ARTPLACE CLEANERS	213 E THIRD ST	RCRA-VSQG, FINDS, ECHO	Higher	704, 0.133, WNW
I31	SPEEDWAY #8391	310 CEDAR ST	LUST, UST, INVENTORY, Financial Assurance	Higher	758, 0.144, South
I32	SPEEDWAY LLC	310 S CEDAR ST	AUL, AIRS, WDS	Higher	815, 0.154, South
I33	SPEEDWAY LLC	310 S CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	815, 0.154, South
J34	MI DEPT/AGRICULTURE	140 E 2ND ST	INVENTORY, BEA, WDS	Higher	835, 0.158, WSW
J35	MI DEPT/AGRICULTURE	140 E 2ND ST	RCRA NonGen / NLR	Higher	835, 0.158, WSW
J36	LAPEER COUNTY CO-OP	140 E 2ND ST	UST	Higher	835, 0.158, WSW
H37	CLOTHES BASKET CLEAN	144 EAST THIRD STREE	DRYCLEANERS	Higher	910, 0.172, West
H38	COLES CLEANERS INC	144 E 3RD ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	910, 0.172, West
H39	144 E 3RD STREET	144 E 3RD STREET	INVENTORY, WDS	Higher	910, 0.172, West

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
I40	GTE NORTH, INC	311 S CEDAR ST	LUST, UST, INVENTORY, WDS	Higher	927, 0.176, South
I41	VERIZON NORTH INC	311 S CEDAR ST	RCRA-VSQG, FINDS, ECHO	Higher	927, 0.176, South
I42	DODGE CS AND SON AND	320 S CEDAR ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	963, 0.182, South
K43	STYLE TECH'S	101 E THIRD ST	RCRA-VSQG	Higher	1163, 0.220, WNW
44	GTE NORTH INC	155 E 4TH ST	UST	Higher	1190, 0.225, NW
45	AMERIGAS EAGLE	600 E 1ST ST	AST	Lower	1253, 0.237, ESE
K46	W NEIL SPINK DDS	110 W 3RD ST	LUST, UST, INVENTORY	Higher	1341, 0.254, WNW
47	COUNTRY CORNER	345 N CEDAR ST	LUST, INVENTORY	Higher	1394, 0.264, NNE
48	PELINE PROPERTY / MC	587 S CEDAR ST	LUST, UST, INVENTORY, BEA	Higher	2089, 0.396, South
49	QWIK STOP #7	557 N CEDAR ST	LUST, UST, INVENTORY, BEA, WDS	Higher	2233, 0.423, North
L50	EZ QUICK MART INC #1	546 NORTH CEDAR	AUL	Lower	2276, 0.431, NNE
L51	IMLAY QUICKMART INC	546 N CEDAR ST	LUST, UST, WDS	Lower	2276, 0.431, NNE
L52	IMLAY QUICKMART INC	546 N CEDAR ST	INVENTORY, BEA, Financial Assurance	Lower	2276, 0.431, NNE
53	SOUTH CEDAR STEEL	599 S CEDAR ST	LUST, UST, INVENTORY, RCRA NonGen / NLR, FINDS,...	Higher	2346, 0.444, SSE
54	430 EAST CAPAC ROAD	430 EAST CAPAC ROAD	INVENTORY, BEA	Higher	2392, 0.453, North
55	PARSCH AUTOMOTIVE	314 CAPAC RD	LUST, UST, INVENTORY, Financial Assurance	Higher	2420, 0.458, North
56	611 INDUSTRIAL PARKW	611 INDUSTRIAL PARKW	PART 201, INVENTORY, BEA, NPDES, WDS	Lower	2849, 0.540, 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: Diesel,Gasoline Substance Release: Gasoline Facility Id: 00014763 UST Database: UST, Date of Government Version: 10/01/2021 Facility Type: CLOSED Facility Id: 00014763 Tank Status: Removed from Ground INVENTORY Facility ID: 14763 WDS Site Id: MIR000047290 WMD Id: 413877	N/A
400 & 410 EAST THIRD 400 & 410 E. THIRD S IMLAY CITY, MI	RGA PART 201 Facility ID: 4400010 Facility ID: 44000109	N/A
CITY OF IMLAY CITY 410 E 3RD ST IMLAY CITY, MI 48444	WDS Site Id: MIG000041081 WMD Id: 417557	N/A
400 & 410 EAST THIRD 400 & 410 E. THIRD S IMLAY CITY, MI 48444	BROWNFIELDS Database: BROWNFIELDS, Date of Government Version: 01/15/2016 Ernie Id Number: 44000109 PART 201 Facility Status: See Leaking Underground Storage Tank Site Database Facility ID: 44000109	N/A
CITY OF IMLAY CITY/P 400 E 3RD ST IMLAY CITY, MI	RGA LUST Facility ID: 00014763 Facility ID: 14763	N/A
CITY OF IMLAY 400 E 3RD ST IMLAY CITY, MI 48444	RCRA-VSQG EPA ID:: MIR000047290 FINDS	MIR000047290

EXECUTIVE SUMMARY

	Registry ID:: 110006413185 ECHO Registry ID: 110006413185	
IMLAY CITY. DEPT OF 400 EAST THIRD STREE IMLAY CITY, MI 48444	INVENTORY Facility ID: 44000046	N/A
CITY OF IMLAY CITY/P 400 E THIRD ST IMLAY CITY, MI	RGA LUST Facility ID: 0-014763	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

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

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

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register

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

Local Land Records

LIENS	Lien List
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Pollution Emergency Alerting System

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Permit and Emissions Inventory Data
ASBESTOS	ASBESTOS
COAL ASH	Coal Ash Disposal Sites

Financial Assurance ---------- Financial Assurance Information Listing
LEAD ---------- Lead Safe Housing Registry
NPDES ---------- List of Active NPDES Permits
UIC ---------- Underground Injection Wells Database
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 02/28/2022 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
ARTPLACE CLEANERS EPA ID:: MID017143959	***213 E THIRD ST***	***WNW 1/8 - 1/4 (0.133 mi.)***	***H30***	***60***
SPEEDWAY LLC	***310 S CEDAR ST***	***S 1/8 - 1/4 (0.154 mi.)***	***I33***	***75***

EPA ID:: MI0000961854				
VERIZON NORTH INC	***311 S CEDAR ST***	***S 1/8 - 1/4 (0.176 mi.)***	***I41***	***90***
EPA ID:: MID124231481				
STYLE TECH'S	101 E THIRD ST	WNW 1/8 - 1/4 (0.220 mi.)	K43	100

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOTAL PETROLEUM (NOR	***100 N CEDAR ST***	***E 0 - 1/8 (0.046 mi.)***	***C16***	***27***
EPA ID:: MI0001026046				
AUTOZONE INC	225 S CEDAR ST	SSE 0 - 1/8 (0.106 mi.)	G26	55
EPA ID:: MIK677543514				

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 11/08/2021 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
FORMER QUALITY TOWIN	***120 N MAIN ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E21***	***40***
Release Status: Open				
Substance Release: Used Oil				
Facility Id: 00041746				
SPEEDWAY #8391	***310 CEDAR ST***	***S 1/8 - 1/4 (0.144 mi.)***	***I31***	***64***
Release Status: Open				
Facility Id: 00000901				
GTE NORTH, INC	***311 S CEDAR ST***	***S 1/8 - 1/4 (0.176 mi.)***	***I40***	***88***
Release Status: Closed				
Substance Release: Gasoline				
Facility Id: 00011214				
W NEIL SPINK DDS	***110 W 3RD ST***	***WNW 1/4 - 1/2 (0.254 mi.)***	***K46***	***104***
Release Status: Closed				
Substance Release: Used Oil				
Facility Id: 00041744				
COUNTRY CORNER	***345 N CEDAR ST***	***NNE 1/4 - 1/2 (0.264 mi.)***	***47***	***107***
Release Status: Closed				
Facility Id: 50000104				
PELINE PROPERTY / MC	***587 S CEDAR ST***	***S 1/4 - 1/2 (0.396 mi.)***	***48***	***108***
Release Status: Open				
Substance Release: Unknown				
Facility Id: 00036390				
QWIK STOP #7	***557 N CEDAR ST***	***N 1/4 - 1/2 (0.423 mi.)***	***49***	***110***
Release Status: Open				
Facility Id: 00016549				
SOUTH CEDAR STEEL	***599 S CEDAR ST***	***SSE 1/4 - 1/2 (0.444 mi.)***	***53***	***125***

Release Status: Closed
Substance Release: Unknown
Facility Id: 00037934

PARSCH AUTOMOTIVE	***314 CAPAC RD***	***N 1/4 - 1/2 (0.458 mi.)***	***55***	***158***

Release Status: Closed
Substance Release: Gasoline
Facility Id: 00018276

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOTAL BULK PLANT #05	***110 N CEDAR ST***	***E 0 - 1/8 (0.043 mi.)***	***C12***	***18***

Release Status: Open
Substance Release: Gasoline
Facility Id: 00010659

E J GREEN	***150 N CEDAR ST***	***NE 0 - 1/8 (0.087 mi.)***	***F23***	***43***

Release Status: Open
Substance Release: Unknown
Substance Release: Diesel
Facility Id: 00017772

IMLAY QUICKMART INC	***546 N CEDAR ST***	***NNE 1/4 - 1/2 (0.431 mi.)***	***L51***	***118***

Release Status: Closed
Substance Release: Gasoline
Facility Id: 00010667

Lists of state and tribal registered storage tanks

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

A review of the UST list, as provided by EDR, has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER QUALITY TOWIN	***120 N MAIN ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E21***	***40***

Database: UST, Date of Government Version: 10/01/2021
Facility Type: CLOSED
Facility Id: 00041746
Tank Status: Closed in Ground

THE COUNTRY CORNER	244 E 3RD ST	W 0 - 1/8 (0.093 mi.)	E25	54

Database: UST, Date of Government Version: 10/01/2021
Facility Type: CLOSED
Facility Id: 00021117
Tank Status: Removed from Ground

SPEEDWAY #8391	***310 CEDAR ST***	***S 1/8 - 1/4 (0.144 mi.)***	***I31***	***64***

Database: UST, Date of Government Version: 10/01/2021
Facility Type: ACTIVE
Facility Id: 00000901
Tank Status: Removed from Ground
Tank Status: Currently In Use

LAPEER COUNTY CO-OP	140 E 2ND ST	WSW 1/8 - 1/4 (0.158 mi.)	J36	83

Database: UST, Date of Government Version: 10/01/2021

Facility Type: CLOSED
Facility Id: 00007512
Tank Status: Removed from Ground

GTE NORTH, INC ***311 S CEDAR ST*** ***S 1/8 - 1/4 (0.176 mi.)*** ***I40*** ***88***
Database: UST, Date of Government Version: 10/01/2021
Facility Type: CLOSED
Facility Id: 00011214
Tank Status: Removed from Ground

GTE NORTH INC 155 E 4TH ST NW 1/8 - 1/4 (0.225 mi.) 44 102
Database: UST, Date of Government Version: 10/01/2021
Facility Type: CLOSED
Facility Id: 00018348
Tank Status: Removed from Ground

Lower Elevation	Address	Direction / Distance	Map ID	Page

TOTAL BULK PLANT #05 ***110 N CEDAR ST*** ***E 0 - 1/8 (0.043 mi.)*** ***C12*** ***18***
Database: UST, Date of Government Version: 10/01/2021
Facility Type: CLOSED
Facility Id: 00010659
Tank Status: Removed from Ground

E J GREEN ***150 N CEDAR ST*** ***NE 0 - 1/8 (0.087 mi.)*** ***F23*** ***43***
Database: UST, Date of Government Version: 10/01/2021
Facility Type: CLOSED
Facility Id: 00017772
Tank Status: Removed from Ground
Tank Status: Closed in Ground

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 11/10/2021 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
JER EQUIPMENT Facility Id: 92085969 Tank Status: Currently In Use	379 E 2ND ST	S 0 - 1/8 (0.038 mi.)	B11	18

Lower 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.)	C13	21
THERMOGAS CO Facility Id: 92044017 Removed/Closed Date: 09/01/1995 Tank Status: Removed from Premises	225 S CEDAR ST	SSE 0 - 1/8 (0.106 mi.)	G27	58
AMERIGAS EAGLE Facility Id: 92084174	600 E 1ST ST	ESE 1/8 - 1/4 (0.237 mi.)	45	103

Removed/Closed Date: 11/19/2003
Tank Status: Removed from Premises

State and tribal institutional control / engineering control registries

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

A review of the AUL list, as provided by EDR, and dated 11/15/2021 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
SPEEDWAY LLC Facility ID: 00000901	***310 S CEDAR ST***	***S 1/8 - 1/4 (0.154 mi.)***	***I32***	***73***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOTAL PETROLEUM (NOR Facility ID: 00010659	***100 N CEDAR ST***	***E 0 - 1/8 (0.046 mi.)***	***C14***	***22***
TOTAL BULK PLANT #05 Facility ID: 00010659	100 NORTH CEDAR	E 0 - 1/8 (0.046 mi.)	C15	26
E J GREEN Facility ID: 00010659	***150 N CEDAR ST***	***NE 0 - 1/8 (0.087 mi.)***	***F23***	***43***
EZ QUICK MART INC #1 Facility ID: 00010667	546 NORTH CEDAR	NNE 1/4 - 1/2 (0.431 mi.)	L50	117

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 01/19/2022 has revealed that there are

EXECUTIVE SUMMARY

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
18 NORTH CEDAR STREE Facility ID: 44000333	***18 NORTH CEDAR STREE***	***SE 0 - 1/8 (0.050 mi.)***	***B17***	***30***
325 EAST SECOND STRE Facility ID: 44000300	***325 EAST SECOND STRE***	***SW 0 - 1/8 (0.051 mi.)***	***D18***	***31***
FORMER QUALITY TOWIN Facility ID: 41746	***120 N MAIN ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E21***	***40***
172 NORTH CEDAR STRE Facility ID: 44000285	***172 NORTH CEDAR STRE***	***NE 0 - 1/8 (0.116 mi.)***	***F28***	***58***
ARTPLACE CLEANERS Facility ID: 44000335	***213 E THIRD ST***	***WNW 1/8 - 1/4 (0.133 mi.)***	***H29***	***59***
SPEEDWAY #8391 Facility ID: 901	***310 CEDAR ST***	***S 1/8 - 1/4 (0.144 mi.)***	***I31***	***64***
MI DEPT/AGRICULTURE Facility ID: 44000282	***140 E 2ND ST***	***WSW 1/8 - 1/4 (0.158 mi.)***	***J34***	***79***
144 E 3RD STREET Facility ID: 44000273	***144 E 3RD STREET***	***W 1/8 - 1/4 (0.172 mi.)***	***H39***	***87***
GTE NORTH, INC Facility ID: 11214	***311 S CEDAR ST***	***S 1/8 - 1/4 (0.176 mi.)***	***I40***	***88***
W NEIL SPINK DDS Facility ID: 41744	***110 W 3RD ST***	***WNW 1/4 - 1/2 (0.254 mi.)***	***K46***	***104***
COUNTRY CORNER Facility ID: 50000104	***345 N CEDAR ST***	***NNE 1/4 - 1/2 (0.264 mi.)***	***47***	***107***
PELINE PROPERTY / MC Facility ID: 36390	***587 S CEDAR ST***	***S 1/4 - 1/2 (0.396 mi.)***	***48***	***108***
QWIK STOP #7 Facility ID: 16549	***557 N CEDAR ST***	***N 1/4 - 1/2 (0.423 mi.)***	***49***	***110***
SOUTH CEDAR STEEL Facility ID: 37934	***599 S CEDAR ST***	***SSE 1/4 - 1/2 (0.444 mi.)***	***53***	***125***
430 EAST CAPAC ROAD Facility ID: 44000310	***430 EAST CAPAC ROAD***	***N 1/4 - 1/2 (0.453 mi.)***	***54***	***157***
PARSCH AUTOMOTIVE Facility ID: 18276	***314 CAPAC RD***	***N 1/4 - 1/2 (0.458 mi.)***	***55***	***158***

Lower 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.)***	***C12***	***18***
E J GREEN Facility ID: 17772	***150 N CEDAR ST***	***NE 0 - 1/8 (0.087 mi.)***	***F23***	***43***
IMLAY QUICKMART INC Facility ID: 10667	***546 N CEDAR ST***	***NNE 1/4 - 1/2 (0.431 mi.)***	***L52***	***123***

EXECUTIVE SUMMARY

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 (0.540 mi.)***	***56***	***164***
Facility Status: Inactive - no actions taken 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 02/28/2022 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 (0.051 mi.)***	***D19***	***32***
DTE ENERGY/MICH CON EPA ID:: MID000721647	***255 E 2ND ST***	***SW 0 - 1/8 (0.054 mi.)***	***D20***	***36***
MI DEPT/AGRICULTURE EPA ID:: MIP200001520	140 E 2ND ST	WSW 1/8 - 1/4 (0.158 mi.)	J35	80
COLES CLEANERS INC EPA ID:: MID064190697	***144 E 3RD ST***	***W 1/8 - 1/4 (0.172 mi.)***	***H38***	***84***
DODGE CS AND SON AND EPA ID:: MID985612399	***320 S CEDAR ST***	***S 1/8 - 1/4 (0.182 mi.)***	***I42***	***96***

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 04/04/2022 has revealed that there are 12 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
18 NORTH CEDAR STREE	***18 NORTH CEDAR STREE***	***SE 0 - 1/8 (0.050 mi.)***	***B17***	***30***
325 EAST SECOND STRE	***325 EAST SECOND STRE***	***SW 0 - 1/8 (0.051 mi.)***	***D18***	***31***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER QUALITY TOWIN	***120 N MAIN ST***	***WNW 0 - 1/8 (0.076 mi.)***	***E21***	***40***
300 E SECOND STREET	300 E SECOND STREET	SW 0 - 1/8 (0.087 mi.)	D22	42
172 NORTH CEDAR STRE	***172 NORTH CEDAR STRE***	***NE 0 - 1/8 (0.116 mi.)***	***F28***	***58***
MI DEPT/AGRICULTURE	***140 E 2ND ST***	***WSW 1/8 - 1/4 (0.158 mi.)***	***J34***	***79***
PELINE PROPERTY / MC	***587 S CEDAR ST***	***S 1/4 - 1/2 (0.396 mi.)***	***48***	***108***
QWIK STOP #7	***557 N CEDAR ST***	***N 1/4 - 1/2 (0.423 mi.)***	***49***	***110***
430 EAST CAPAC ROAD	***430 EAST CAPAC ROAD***	***N 1/4 - 1/2 (0.453 mi.)***	***54***	***157***

Lower 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.)***	***C12***	***18***
IMLAY QUICKMART INC	***546 N CEDAR ST***	***NNE 1/4 - 1/2 (0.431 mi.)***	***L52***	***123***

DRYCLEANERS: A listing of drycleaning facilities in Michigan.

A review of the DRYCLEANERS list, as provided by EDR, and dated 11/09/2021 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 (0.133 mi.)***	***H29***	***59***
CLOTHES BASKET CLEAN Establishment#: 4400003 Establishment#: 4400004	144 EAST THIRD STREE	W 1/8 - 1/4 (0.172 mi.)	H37	84

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

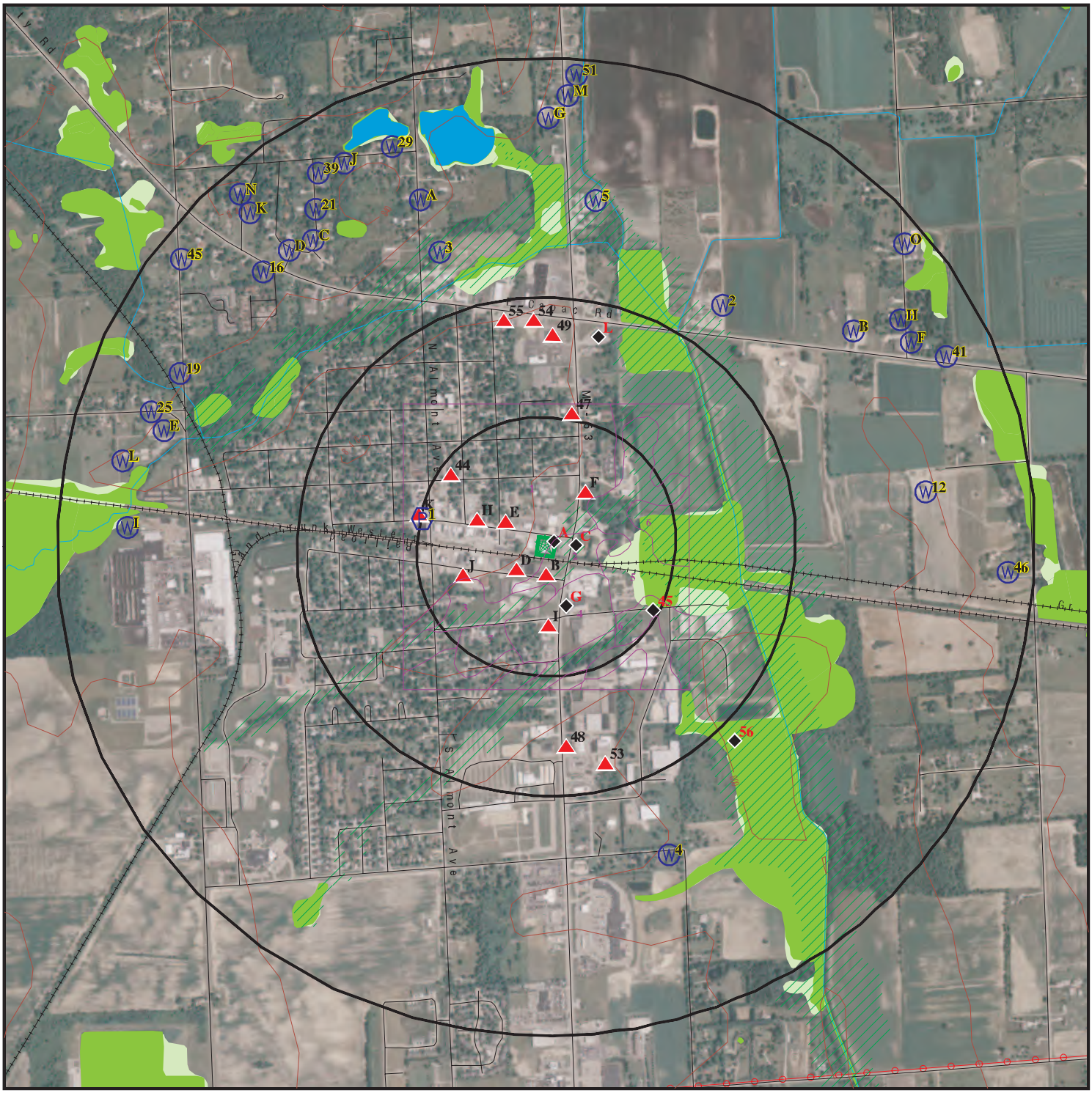
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHOENHALS MOTOR SAL	420 E THIRD ST	0 - 1/8 (0.000 mi.)	A10	17
GREEN ELDEN JAMES	150 N CEDAR ST	NE 0 - 1/8 (0.087 mi.)	F24	54

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6965316.2S



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 City DPW	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.02365 / 83.072668	INQUIRY #:	6965316.2s
		DATE:	May 04, 2022 10:52 am

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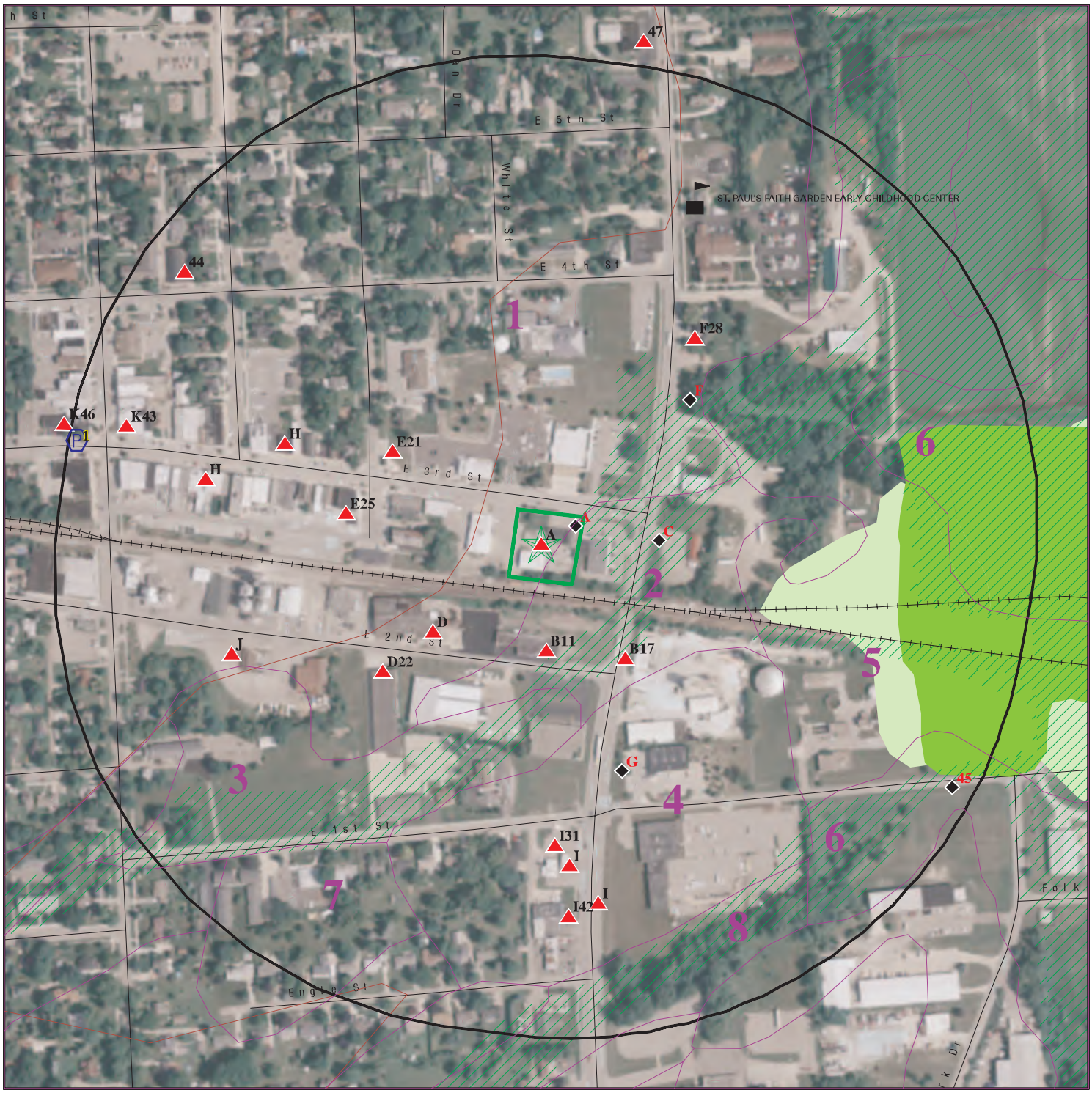
DETAIL MAP - 6965316.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

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

SITE NAME:	Former City DPW	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.02365 / 83.072668	INQUIRY #:	6965316.2s
		DATE:	May 04, 2022 10:53 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250	1	2	4	NR	NR	NR	7
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
LUST	0.500	1	3	2	7	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	4	4	NR	NR	NR	9
AST	0.250		3	1	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		3	1	1	NR	NR	5
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500	1	0	0	0	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
INVENTORY	0.500	2	6	5	8	NR	NR	21
PART 201	1.000	1	0	0	0	1	NR	2
CDL	0.001		0	NR	NR	NR	NR	0
DEL PART 201	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	3	NR	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	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
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BEA	0.500		7	1	4	NR	NR	12
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
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA PART 201	0.001	1	0	NR	NR	NR	NR	1
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	2	0	NR	NR	NR	NR	2
- Totals --		14	32	23	20	1	0	90

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property

CITY OF IMLAY CITY/PUBLIC WORKS
400 E 3RD ST
IMLAY CITY, MI 48444

LUST U000258027
UST N/A
INVENTORY
WDS

Site 1 of 10 in cluster A

Actual: 815 ft.

LUST:

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00014763
Source:	STATE OF MICHIGAN
Owner Name:	Cityof Imlay City
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Imlay City Dpw
Latitude:	43.02386
Longitude:	-83.07298
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	C-0039-02
Release Date:	01/23/2002
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-0470-02
Release Date:	01/23/2002
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-0744-94
Release Date:	07/18/1994
Substance Released:	Diesel,Gasoline
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1315
Facility Type:	CLOSED
Facility ID:	00014763

CITY OF IMLAY CITY/PUBLIC WORKS (Continued) **U000258027**

Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	AMY PLANCK
Contact Phone:	(810) 724-2135
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	3
Capacity:	275
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	01/22/2002
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02386
Longitude:	-83.07298

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1315
Facility Type:	CLOSED
Facility ID:	00014763
Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	AMY PLANCK
Contact Phone:	(810) 724-2135
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

CITY OF IMLAY CITY/PUBLIC WORKS (Continued) **U000258027**

District:	Lansing District Office
Tank ID:	2
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	02/05/1979
Remove Date:	06/23/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02386
Longitude:	-83.07298

Name:	CITY OF IMLAY CITY/PUBLIC WORKS
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1315
Facility Type:	CLOSED
Facility ID:	00014763
Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	AMY PLANCK
Contact Phone:	(810) 724-2135
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	02/04/1978
Remove Date:	06/23/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02386
Longitude:	-83.07298

CITY OF IMLAY CITY/PUBLIC WORKS (Continued) **U000258027**

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 Present but Not Immediate
Location ID: 1118
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** **RGA PART 201** **S115655462**
Target Property **400 & 410 E. THIRD STREET** **N/A**
IMLAY CITY, MI

Site 2 of 10 in cluster A

Actual: 815 ft.

RGA PART 201:

2012	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET
2011	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET
2010	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET
2009	400 & 410 EAST THIRD STREET	400 & 410 E. THIRD STREET

A3 **CITY OF IMLAY CITY** **WDS** **S111947357**
Target Property **410 E 3RD ST** **N/A**
IMLAY CITY, MI 48444

Site 3 of 10 in cluster A

Actual: 815 ft.

WDS:
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: LAPEER

A4 **400 & 410 EAST THIRD STREET** **BROWNFIELDS** **S104780137**
Target **400 & 410 E. THIRD STREET** **PART 201** **N/A**
Property **IMLAY CITY, MI 48444**

Site 4 of 10 in cluster A

Actual: **815 ft.**

BROWNFIELDS:

Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	No
Ernie Id Number:	44000109

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

---

A5 **CITY OF IMLAY CITY/PUBLIC WORKS** **RGA LUST** **S115669993**
Target **400 E 3RD ST** **N/A**
Property **IMLAY CITY, MI**

Site 5 of 10 in cluster A

Actual: **815 ft.**

RGA LUST:

2012	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2011	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2010	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2009	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2008	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2007	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2006	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2005	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2004	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST
2003	CITY OF IMLAY CITY/PUBLIC WORKS	400 E 3RD ST

A6 **CITY OF IMLAY** **RCRA-VSQG** **1004725590**
Target **400 E 3RD ST** **FINDS** **MIR000047290**
Property **IMLAY CITY, MI 48444** **ECHO**

Site 6 of 10 in cluster A

Actual: **815 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20040709
Handler Name:	CITY OF IMLAY	
Handler Address:		400 E 3RD ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MIR000047290
Contact Name:		AMY PLANCK
Contact Address:		400 E 3RD ST

CITY OF IMLAY (Continued) **1004725590**

Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-724-2135
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Municipal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	150 N MAIN ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	CITY OF IMLAY
Owner Type:	Municipal
Operator Name:	CITY OF IMLAY
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

CITY OF IMLAY (Continued) **1004725590**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF IMLAY
Legal Status:	Municipal
Date Became Current:	19010101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF IMLAY
Legal Status:	Municipal
Date Became Current:	19010101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF IMLAY
Legal Status:	Municipal
Date Became Current:	19010101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

CITY OF IMLAY (Continued) **1004725590**

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

Owner/Operator Indicator: Operator
Owner/Operator Name: CITY OF IMLAY
Legal Status: Municipal
Date Became Current: 19010101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040709
Handler Name: CITY OF IMLAY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000905
Handler Name: CITY OF IMLAY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 92119
NAICS Description: OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CITY OF IMLAY (Continued) **1004725590**

FINDS:
Registry ID: 110006413185

Click Here:

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

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

ECHO:

Envid:	1004725590
Registry ID:	110006413185
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006413185
Name:	CITY OF IMLAY
Address:	400 E 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444

A7 **IMLAY CITY. DEPT OF PUBLIC WORKS** **INVENTORY** **S127818617**
Target Property **400 EAST THIRD STREET** **N/A**
IMLAY CITY, MI 48444

Site 7 of 10 in cluster A

Actual: 815 ft.

INVENTORY:

Name:	IMLAY CITY. DEPT OF PUBLIC WORKS
Address:	400 EAST THIRD STREET
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Lapeer
District:	Lansing
Data Source:	Risks Present but Not Immediate
Location ID:	6103
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	LaBrecque, David
Latitude:	43.023861
Longitude:	-83.072985

A8 **CITY OF IMLAY CITY/PUBLIC WORKS** **RGA LUST** **S115669994**
Target Property **400 E THIRD ST** **N/A**
IMLAY CITY, MI

Site 8 of 10 in cluster A

Actual: 815 ft.

RGA LUST:

2001	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
2000	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
1999	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
1998	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST
1997	CITY OF IMLAY CITY/PUBLIC WORKS	400 E THIRD ST

A9 **420 EAST THIRD STREET** **BEA** **S108414426**
420 EAST THIRD STREET **N/A**
< 1/8 **IMLAY CITY, MI**
1 ft.

Site 9 of 10 in cluster A

Relative: BEA:
Lower

Actual: Name: 420 EAST THIRD STREET
812 ft. Address: 420 EAST THIRD STREET
City,State,Zip: IMLAY CITY, MI
Secondary Address: Not reported
BEA Number: 1133
District: Lansing
Date Received: 02/02/2007
Submitter Name: KCH Enterprises, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: N
Determination 20107A: No Request
Reviewer: labrecqd
Division Assigned: STD
Location ID: Not reported
Submittal Type: Not reported
Submittal Number: Not reported
Approval Status: Not reported
Workflow Status: Not reported
Date Submitted: Not reported
Date Completed: Not reported
Township: Not reported
Work Unit: Not reported
Comments: Not reported
Organization: Not reported
Contact: Not reported
Contact Type: Not reported

A10 **SCHOENHALS MOTOR SALES INC** **EDR Hist Auto** **1021636920**
420 E THIRD ST **N/A**
< 1/8 **IMLAY CITY, MI 48444**
1 ft.

Site 10 of 10 in cluster A

Relative: EDR Hist Auto
Lower

Actual:
812 ft.

Year:	Name:	Type:
1969	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1970	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1971	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1972	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1973	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1974	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1975	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1976	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1977	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1978	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers
1979	SCHOENHALS MOTOR SALES INC	New And Used Car Dealers

B11 **JER EQUIPMENT** **AST** **A100427341**
South **379 E 2ND ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.038 mi.
198 ft. **Site 1 of 2 in cluster B**

Relative: **Higher**
Actual: **815 ft.**

AST:

Name:	JER EQUIPMENT
Address:	379 E 2ND ST
City:	IMLAY CITY
Zip:	48444-1317
Facility ID:	92085969
Owner Name:	AL PARSCH OIL CO
Owner Address:	5923 W IMLAY CITY RD
Owner City,St,Zip:	IMLAY CITY, MI 48444
District:	2
Date of Collection:	Not reported
Accuracy:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Description Category:	Not reported
Method of Collection:	Not reported
Horizontal Datum:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank Id:	ATK-141106-15
Tank Status:	Currently In Use
Capacity (in gallons):	500
Installation Date:	07/26/2016
Substance Stored:	LPG
Removed/Closed Date:	Not reported

C12 **TOTAL BULK PLANT #0564** **LUST** **U000257942**
East **110 N CEDAR ST** **UST** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **INVENTORY**
0.043 mi. **BEA**
227 ft. **Site 1 of 5 in cluster C**

Relative: **Lower**
Actual: **813 ft.**

LUST:

Name:	TOTAL BULK PLANT #0564
Address:	110 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00010659
Source:	STATE OF MICHIGAN
Owner Name:	TotalPetro Inc
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Total Pet. Bulk Plant
Latitude:	43.02367
Longitude:	-83.07180
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83

TOTAL BULK PLANT #0564 (Continued) **U000257942**

Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Regulatory Program: Not reported
Risk Condition: Not reported
Project Manager: Not reported
Senate District: Not reported
House District: Not reported
US Congressional District: Not reported

Leak Number: C-0169-92
Release Date: 01/13/1992
Substance Released: Gasoline
Release Status: Open
Release 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
Install Date: 05/01/1956
Remove Date: 01/13/1992
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported

TOTAL BULK PLANT #0564 (Continued) **U000257942**

Impressed Device: Not reported
Latitude: 43.02367
Longitude: -83.07180

INVENTORY:
Name: TOTAL BULK PLANT #0564
Address: 110 N CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Township: Imlay City
District: Lansing
Data Source: Risks Present but Not Immediate
Location ID: 10660
Lust Name: Total Pet. Bulk Plant
Regulatory Program: 213
Release Status: Open
Project Manager: LaBrecque, David
Latitude: 43.023674
Longitude: -83.0718

BEA:
Name: TOTAL BULK PLANT #0564
Address: 110 N CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 08/13/2003
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 00010659
Submittal Type: Baseline Environmental Assessment
Submittal Number: B200300761LA
Approval Status: RRD Received
Workflow Status: Submitted
Date Submitted: 2004-01-31 07:29:04
Date Completed: Not reported
Township: Imlay City
Work Unit: Lansing
Comments: Disclosure only File at RC--1063343 SID Facility Number: 0-0013315 class 2 site
Organization: HB Management 2, LLC
Contact: Robin J. Clark
Contact Type: Submitter Contact

C13 **IMLAY CITY OIL** **AST** **A100206094**
East **100 N CEDAR ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.046 mi.
243 ft. **Site 2 of 5 in cluster C**

Relative: AST:
Lower

Actual:
813 ft.

Name:	IMLAY CITY OIL
Address:	100 N CEDAR ST
City:	IMLAY CITY
Zip:	48444-1122
Facility ID:	91044003
Owner Name:	IMLAY CITY OIL
Owner Address:	542 N CEDAR ST
Owner City,St,Zip:	IMLAY CITY, MI 48444-1166
District:	2
Date of Collection:	07/26/2005
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Horizontal Datum:	NAD83
Latitude:	43.0243100
Longitude:	-83.070902
Tank Id:	ATK-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
Installation Date:	Not reported
Substance Stored:	Other
Removed/Closed Date:	09/30/1991
Tank Id:	ATK-106830-15

IMLAY CITY OIL (Continued) **A100206094**

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

C14 **TOTAL PETROLEUM (NORTH AMERICA) LTD** **AUL S111141870**
East **100 N CEDAR ST** **AIRS N/A**
< 1/8 **IMLAY CITY, MI 48444** **WDS**
0.046 mi.
243 ft. **Site 3 of 5 in cluster C**

Relative:
Lower

Actual:
813 ft.

AUL:
Name: MRP PROPERTIES, LLC
Address: 100 NORTH CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444
Status: Recorded
Site Name: Not reported
Property: on-site
Land Use Restriction Type: RC
Program Type: Part 213
Program Support Assigned User: Nicholas Ekel
Program Support Assigned Date: 01/09/2018
Legal Description Of Property: Not reported
Based On The Deq Ref #: 11121317135
MDEQ Reference Number: RC-RRD-213-17-135
Property Or Description Restricted Area: Not reported
Lead Division: RRD
File Name Of Hyperlinked Legal Doc: U:\\KERMIT\\11121317135.PDF
Mapped Polygons Area In Acres: 0.90969999999999995
Mapped Polygons Area In Square Miles: 0.0014
Date Data Entry Started: 01/10/2018
Date Data Entry Finished: 01/10/2018
Individual Or Staff Assoc With The Mapping: Nicholas Ekel

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **S111141870**

Program Used To Map Restricted Features:	ArcGIS 10.4
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	01/03/2018
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	1
Excavation And Soil Movement Restrictions:	1
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20170829 provided reference # to consultant.
Map Comments:	20180109 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180110 - LRUR is mapped in KERMIT - Nick Ekel

Name:	FORMER FACILITY NO. 13092
Address:	100 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	Off-Site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	06/11/2021
Legal Description Of Property:	Railroad ROW
Based On The Deq Ref #:	11121320158
MDEQ Reference Number:	RC-RRD-213-20-158
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121320158.PDF
Mapped Polygons Area In Acres:	0.52010000000000001
Mapped Polygons Area In Square Miles:	0.0008
Date Data Entry Started:	08/13/2021
Date Data Entry Finished:	08/13/2021
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.7
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	12/10/2020
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **S111141870**

Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	1
Excavation And Soil Movement Restrictions:	1
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20201027 - Reference number was requested by Landon Eenigenburg of ARCADIS of Michigan LLC - Nick Ekel
Map Comments:	20210611 - LRUR is NOT mapped in KERMIT - Nick Ekel 20210813 - LRUR is mapped in KERMIT - Nick Ekel

Name:	MRP PROPERTIES
Address:	100 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	on-site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	01/09/2018
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	11121304812
MDEQ Reference Number:	RC-RRD-213-04-812
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121304812.PDF
Mapped Polygons Area In Acres:	0.90969999999999995
Mapped Polygons Area In Square Miles:	0.0014
Date Data Entry Started:	01/10/2018
Date Data Entry Finished:	01/10/2018
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.4
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	04/02/2004
Commercial I Land Use Restriction:	1
Commercial Ii Land Use Restriction:	1
Commercial Iii Land Use Restriction:	1
Commercial Iv Land Use Restriction:	1
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	1
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **S111141870**

There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: 20180108 provided reference # for on-site restriction which is rescinded, new reference #s for this site are RC-RRD-213-17-135 and 136.
Map Comments: 20180109 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180110 - LRUR is mapped in KERMIT - Nick Ekel

AIRS:
Name: MRP PROPERTIES, LLC
Address: 100 N CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444
State Registration Number: B8225
Naics Code: Not reported
Contact Email: Not reported
Contact Name: C SHAY WIDEMAN
Contact Phone: 2103454663
Contact Address: 6000 N LOOP 1604 WEST
Contact City,St,Zip: SAN ANTONIO, TX 78249
Permit Number: 137-11
Date Received: 09/08/2011
Application Reason: GENERAL PTI - SOIL OR GROUNDWATER REMEDIATION
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: Not reported
Tribal Code: Not reported
Facility Status Code: Not reported
Facility Status: Active
Supplemental Location Text: Not reported
Business Name: Not reported
Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
UTM Horizontal Coord: Not reported
UTM Vertical Coord: Not reported
Mailing Name: Not reported
Mailing Contact Person: Not reported
Mailing Street: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4 Extension: Not reported
Compliance Person: Not reported
Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: Not reported
EI Contact Area Code: Not reported
EI Contact Phone Number: Not reported
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: Not reported
Of Employees: Not reported
Reporting Year: Not reported
Date Record Was Created: Not reported

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **S111141870**

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

C15 **TOTAL BULK PLANT #0564** **AUL** **S117057647**
East **100 NORTH CEDAR** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.046 mi.
243 ft. **Site 4 of 5 in cluster C**

Relative: **Lower**

Actual: **813 ft.**

AUL:

Name:	TOTAL BULK PLANT #0564
Address:	100 NORTH CEDAR
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Pending
Site Name:	Not reported
Property:	off-site
Land Use Restriction Type:	MDOT
Program Type:	Part 213
Program Support Assigned User:	Not reported
Program Support Assigned Date:	Not reported
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	19121314024
MDEQ Reference Number:	MDOT-RRD-213-14-024
Property Or Description Restricted Area:	Not reported
Lead Division:	RD
File Name Of Hyperlinked Legal Doc:	Not reported
Mapped Polygons Area In Acres:	Not reported
Mapped Polygons Area In Square Miles:	Not reported
Date Data Entry Started:	Not reported
Date Data Entry Finished:	Not reported
Individual Or Staff Assoc With The Mapping:	Not reported
Program Used To Map Restricted Features:	Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	Not reported
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0

TOTAL BULK PLANT #0564 (Continued) **S117057647**

Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: March 10, 2014 consultant requested MDOT license #.
Map Comments: Not reported

C16 **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.
243 ft. **Site 5 of 5 in cluster C**

Relative: **Lower**
Actual: **813 ft.**

RCRA-VSQG:
Date Form Received by Agency: 19950206
Handler Name: TOTAL PETROLEUM (NORTH AMERICA) LTD
Handler Address: 100 N CEDAR ST
Handler City,State,Zip: IMLAY CITY, MI 48444
EPA ID: MI0001026046
Contact Name: GREG AZZOLI
Contact Address: 100 N CEDAR ST
Contact City,State,Zip: IMLAY CITY, MI 48444
Contact Telephone: 313-946-5287
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 05
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 100 N CEDAR ST
Mailing City,State,Zip: IMLAY CITY, MI 48444
Owner Name: TOTAL PETROLEUM INC
Owner Type: Private
Operator Name: TOTAL PETROLEUM INC
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **1004722534**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	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

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **1004722534**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOTAL PETROLEUM INC
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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:

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:	1004722534
Registry ID:	110003571750

TOTAL PETROLEUM (NORTH AMERICA) LTD (Continued) **1004722534**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003571750
Name: TOTAL PETROLEUM (NORTH AMERICA) LTD
Address: 100 N CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444

B17 **18 NORTH CEDAR STREET** **INVENTORY** **S127818622**
SE **18 NORTH CEDAR STREET** **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.050 mi.
265 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
817 ft.

INVENTORY:
Name: 18 NORTH CEDAR STREET
Address: 18 NORTH CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444
Township: Not reported
District: Lansing
Data Source: Risks Not Determined
Location ID: 82734
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Eggleston, Michael
Latitude: 43.02908565
Longitude: -83.07093567

BEA:
Name: 18 NORTH CEDAR STREET
Address: 18 NORTH CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 06/17/2021
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 44000333
Submittal Type: Baseline Environmental Assessment
Submittal Number: 44000333-BEA-1
Approval Status: In Review
Workflow Status: Submitted
Date Submitted: Not reported
Date Completed: 4/2/2021
Township: Not reported
Work Unit: Lansing
Comments: Not reported
Organization: Not reported
Contact: Not reported
Contact Type: Not reported

D18 **325 EAST SECOND STREET** **INVENTORY** **S120851945**
SW **325 EAST SECOND STREET** **BEA** **N/A**
< 1/8 **LAPEER (County), MI 48444**
0.051 mi.
271 ft. **Site 1 of 4 in cluster D**

Relative:
Higher

Actual:
819 ft.

INVENTORY:

Name:	325 EAST SECOND STREET
Address:	325 EAST SECOND STREET
City,State,Zip:	MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Not Determined
Location ID:	73110
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Eagle, Dennis
Latitude:	NaN
Longitude:	NaN

BEA:

Name:	325 EAST SECOND STREET
Address:	325 EAST SECOND STREET
City,State,Zip:	MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	05/23/2017
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	44000300
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201702319LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2017-05-23 14:54:51
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category B2 Associated ID #s like ITS and Site ID go here. REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates further follow up is needed, awaiting resources. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Soil Lead (7') - 2,650,000 ppb Benzo(a)pyrene (7') - 203,000 ppb PRP evaluation to determine if viable liable party readily identifiable
Organization:	Port Huron Self Storage, LLC
Contact:	Ran Nizan
Contact Type:	Submitter Contact

D19 **MOLD MASTERS CO** **RCRA NonGen / NLR** **1000183473**
SW **325 E 2ND ST** **FINDS** **MID065602807**
< 1/8 **IMLAY CITY, MI 48444** **ECHO**
0.051 mi.
271 ft. **Site 2 of 4 in cluster D**

Relative: **Higher**
Actual: **819 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20020812
Handler Name:	MOLD MASTERS CO	
Handler Address:		325 E 2ND ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MID065602807
Contact Name:		ROBERT SWIATKOWSKI
Contact Address:		325 E 2ND ST
Contact City,State,Zip:		IMLAY CITY, MI 48444
Contact Telephone:		810-245-4100
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		05
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		301 E FIRST ST
Mailing City,State,Zip:		IMLAY CITY, MI 48444
Owner Name:		LEONARDI HUGO
Owner Type:		Private
Operator Name:		LEONARDI HUGO
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

MOLD MASTERS CO (Continued) **1000183473**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LEONARDI HUGO
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEONARDI HUGO
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

MOLD MASTERS CO (Continued) **1000183473**

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

Owner/Operator Indicator: Operator
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LEONARDI HUGO
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20021231
Handler Name: MOLD MASTERS CO
Federal Waste Generator Description: Not a generator, verified

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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19890602
Handler Name: MOLD MASTERS CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020812
Handler Name: MOLD MASTERS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32619
NAICS Description: OTHER PLASTICS PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003601362

Click Here:

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,

MOLD MASTERS CO (Continued) **1000183473**

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
Address:	325 E 2ND ST
City,State,Zip:	IMLAY CITY, MI 48444

D20 **DTE ENERGY/MICH CON** **RCRA NonGen / NLR** **1004722577**
SW **255 E 2ND ST** **FINDS** **MID000721647**
< 1/8 **IMLAY CITY, MI 48444** **ECHO**
0.054 mi.
283 ft. **Site 3 of 4 in cluster D**

Relative: **Higher**
Actual: **819 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20030325
Handler Name:	DTE ENERGY/MICH CON	
Handler Address:		255 E 2ND ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MID000721647
Contact Name:		PATRICK TIERNEY
Contact Address:		255 E 2ND ST
Contact City,State,Zip:		IMLAY CITY, MI 48444
Contact Telephone:		313-235-5573
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		05
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1 ENERGY PLZ
Mailing City,State,Zip:		DETROIT, MI 48226
Owner Name:		DETROIT EDISON COMPANY
Owner Type:		Private
Operator Name:		DTE ENERGY
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No

DTE ENERGY/MICH CON (Continued) **1004722577**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DTE ENERGY
Legal Status:	Private

DTE ENERGY/MICH CON (Continued) **1004722577**

Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DETROIT EDISON COMPANY
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DETROIT EDISON COMPANY
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DTE ENERGY
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19800818
Handler Name: DTE ENERGY/MICH CON	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

DTE ENERGY/MICH CON (Continued) **1004722577**

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:

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: 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
WNW
< 1/8
0.076 mi.
402 ft.

FORMER QUALITY TOWING
120 N MAIN ST
IMLAY CITY, MI 48444

Site 1 of 2 in cluster E

LUST
UST
INVENTORY
BEA

U004004551
N/A

Relative:
Higher

Actual:
825 ft.

LUST:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00041746
Source:	STATE OF MICHIGAN
Owner Name:	Cityof Imlay City
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Former Quality Towing
Latitude:	43.02459
Longitude:	-83.07409
Date of Collection:	07/26/2005
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-0186-05
Release Date:	05/30/2005
Substance Released:	Used Oil
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY 48444-1199
Facility Type:	CLOSED
Facility ID:	00041746
Owner Name:	CITY OF IMLAY CITY
Owner Address:	PO BOX 188
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-0188
Owner Contact:	Not reported
Owner Phone:	8107242135
Contact:	City of Imlay City
Contact Phone:	(810) 724-2135
Date of Collection:	07/26/2005
Accuracy:	100
Horizontal Datum:	NAD83

FORMER QUALITY TOWING (Continued) **U004004551**

Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	1
Capacity:	1000
Tank Status:	Closed in Ground
Substance:	Used Oil
Install Date:	Not reported
Remove Date:	01/01/1975
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02459
Longitude:	-83.07409

INVENTORY:

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	56189
Lust Name:	Former Quality Towing
Regulatory Program:	213
Release Status:	Open
Project Manager:	Maher, Meredith
Latitude:	43.024596
Longitude:	-83.074094

BEA:

Name:	120 N. MAIN STREET
Address:	120 N. MAIN STREET
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	949
District:	Lansing
Date Received:	06/15/2005
Submitter Name:	City of Imlay City
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported

FORMER QUALITY TOWING (Continued) **U004004551**

Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported

Name:	FORMER QUALITY TOWING
Address:	120 N MAIN ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	06/15/2005
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00041746
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200500949LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2005-06-20 09:47:38
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Not reported
Organization:	City of Imlay City
Contact:	Amy Planck
Contact Type:	Submitter Contact

D22 **300 E SECOND STREET** **BEA** **S107596688**
SW **300 E SECOND STREET** **N/A**
< 1/8 **IMLAY CITY, MI**
0.087 mi.
457 ft. **Site 4 of 4 in cluster D**

Relative:
Higher

Actual:
817 ft.

BEA:

Name:	300 E SECOND STREET
Address:	300 E SECOND STREET
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	1034
District:	Lansing
Date Received:	02/08/2006
Submitter Name:	B & B Storage LLC
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	N
Determination 20107A:	No Request

300 E SECOND STREET (Continued) **S107596688**

Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported

Name:	300 E SECOND STREET
Address:	300 E SECOND STREET
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	1023
District:	Lansing
Date Received:	01/19/2006
Submitter Name:	B & B Storage, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported

F23 **E J GREEN** **LUST** **U002301898**
NE **150 N CEDAR ST** **UST** **N/A**
< 1/8 **IMLAY CITY, MI 48444** **AUL**
0.087 mi. **INVENTORY**
459 ft. **Site 1 of 3 in cluster F** **WDS**

Relative: LUST:
Lower

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00017772
Source:	STATE OF MICHIGAN
Owner Name:	Estateof Marguerite I Green LPP
Owner Address:	Not reported

Actual:
809 ft.

E J GREEN (Continued) **U002301898**

Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	E J Green
Latitude:	43.02482
Longitude:	-83.07111
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	C-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

E J GREEN (Continued) **U002301898**

Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	9
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/02/1976
Remove Date:	04/23/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	8
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/02/1976

E J GREEN (Continued) **U002301898**

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

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	7
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/02/1976
Remove Date:	04/23/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772

E J GREEN (Continued) **U002301898**

Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	6
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/02/1976
Remove Date:	04/24/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

E J GREEN (Continued) **U002301898**

District:	Lansing District Office
Tank ID:	5
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/02/1976
Remove Date:	04/23/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	4
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	04/24/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

E J GREEN (Continued) **U002301898**

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	3
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	04/24/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83

E J GREEN (Continued) **U002301898**

Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	22
Capacity:	4000
Tank Status:	Closed in Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	11/02/2012
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	21
Capacity:	4000
Tank Status:	Closed in Ground
Substance:	Gasoline
Install Date:	05/02/1976
Remove Date:	11/02/2012
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported

E J GREEN (Continued) **U002301898**

Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	20
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Not reported
Install Date:	05/02/1976
Remove Date:	04/23/1996
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

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

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1122
Facility Type:	CLOSED
Facility ID:	00017772
Owner Name:	ESTATE OF MARGUERITE I GREEN LPP
Owner Address:	124 N ALMONT AVE
Owner City:	IMLAY CITY

E J GREEN (Continued) **U002301898**

Owner State:	MI
Owner Zip:	48444-1003
Owner Contact:	Not reported
Owner Phone:	8107246408
Contact:	Mark F Schult
Contact Phone:	(734) 397-3100
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	2
Capacity:	3000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/02/1976
Remove Date:	04/24/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02482
Longitude:	-83.07111

AUL:

Name:	MRP PROPERTIES, LLC
Address:	150 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	off-site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	08/28/2018
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	11121317136
MDEQ Reference Number:	RC-RRD-213-17-136
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121317136.PDF
Mapped Polygons Area In Acres:	1.73
Mapped Polygons Area In Square Miles:	0.0027
Date Data Entry Started:	09/05/2018
Date Data Entry Finished:	09/05/2018
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.5
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	12/27/2018
Commercial I Land Use Restriction:	0

E J GREEN (Continued) **U002301898**

Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	1
Excavation And Soil Movement Restrictions:	1
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	20180829 provided reference # to consultant.
Map Comments:	20180828 - LRUR is NOT mapped in KERMIT - Nick Ekel 20180905 - LRUR is mapped in KERMIT - Nick Ekel

INVENTORY:

Name:	E J GREEN
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Present but Not Immediate
Location ID:	4323
Lust Name:	E J Green
Regulatory Program:	213
Release Status:	Open
Project Manager:	LaBrecque, David
Latitude:	43.024825
Longitude:	-83.071118

WDS:

Name:	E J GREEN CO
Address:	150 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIG000034171
WMD Id:	446217
Site Specific Name:	E J GREEN CO
Mailing Address:	150 N CEDAR ST
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

F24 **GREEN ELDEN JAMES** **EDR Hist Auto** **1020350317**
NE **150 N CEDAR ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.087 mi.
459 ft. **Site 2 of 3 in cluster F**

Relative: EDR Hist Auto
Lower

Actual:
809 ft.

Year:	Name:	Type:
1971	GREEN ELDEN J	Toys And Hobby Goods And Supplies
1972	GREEN ELDEN J	Toys And Hobby Goods And Supplies
1973	GREEN ELDEN J	Petroleum Products, NEC
1974	GREEN ELDEN J	Petroleum Products, NEC
1975	GREEN ELDEN JR	Petroleum Products, NEC
1976	GREEN ELDEN JR	Petroleum Products, NEC
1977	GREEN ELDEN JR	Petroleum Products, NEC
1978	GREEN ELDEN JR	Petroleum Products, NEC
1979	GREEN ELDEN JR	Petroleum Products, NEC
1980	GREEN ELDEN JR	Petroleum Products, NEC
1982	GREEN ELDEN JR	Petroleum Products, NEC
1983	GREEN ELDEN JR	Petroleum Products, NEC
1985	GREEN ELDEN JR	Petroleum Products, NEC
1986	GREEN ELDEN JR	Petroleum Products, NEC
1987	GREEN ELDEN JR	Petroleum Products, NEC
1988	GREEN ELDEN JR	Petroleum Products, NEC
1989	GREEN ELDEN JR	Engine Fuels And Oils
1990	GREEN ELDEN JR	Engine Fuels And Oils
1991	GREEN ELDEN JR	Engine Fuels And Oils
1992	GREEN ELDEN JAMES	Engine Fuels And Oils
1993	GREEN ELDEN JAMES	Engine Fuels And Oils
1994	GREEN ELDEN JAMES	Engine Fuels And Oils
1995	GREEN ELDEN JAMES	Engine Fuels And Oils
1996	GREEN ELDEN JAMES	Engine Fuels And Oils
1997	GREEN ELDEN JAMES	Engine Fuels And Oils
1998	GREEN ELDEN JAMES	Engine Fuels And Oils

E25 **THE COUNTRY CORNER** **UST** **U000257986**
West **244 E 3RD ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.093 mi.
493 ft. **Site 2 of 2 in cluster E**

Relative: UST:
Higher

Actual:
828 ft.

Name:	THE COUNTRY CORNER
Address:	244 E 3RD ST
City,State,Zip:	IMLAY CITY 48444-1322
Facility Type:	CLOSED
Facility ID:	00021117
Owner Name:	DOROTHY LENEGMANN (DBA) THE COUNTRY CORNER INC
Owner Address:	244 EAST 3RD STREET
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	3137242565
Contact:	John Lengemann
Contact Phone:	(313) 724-2565
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83

THE COUNTRY CORNER (Continued) **U000257986**

Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	05/05/1981
Remove Date:	09/01/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02406
Longitude:	-83.07534

G26 **AUTOZONE INC** **RCRA-VSQG** **1007990105**
SSE **225 S CEDAR ST** **MIK677543514**
< 1/8 **IMLAY CITY, MI 48444**
0.106 mi.
561 ft. **Site 1 of 2 in cluster G**

Relative: **Lower**
Actual: **812 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20050131
Handler Name:	AUTOZONE INC	
Handler Address:		225 S CEDAR ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MIK677543514
Contact Name:		ANTHONY BLACKMER
Contact Address:		225 S CEDAR ST
Contact City,State,Zip:		IMLAY CITY, MI 48444
Contact Telephone:		810-721-8888
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		05
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		123 SOUTH FRONT STREET
Mailing City,State,Zip:		MEMPHIS, TN 38103
Owner Name:		AUTOZONE INC
Owner Type:		Private
Operator Name:		AUTOZONE INC
Operator Type:		Private
Short-Term Generator Activity:		No

AUTOZONE INC (Continued) **1007990105**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

AUTOZONE INC (Continued) **1007990105**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: AUTOZONE INC
Legal Status: Private
Date Became Current: 20050131
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
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: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44131
NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G27 **THERMOGAS CO** **AST** **A100206888**
SSE **225 S CEDAR ST** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.106 mi.
561 ft. **Site 2 of 2 in cluster G**

Relative: AST:
Lower

Actual:
812 ft.

Name:	THERMOGAS CO
Address:	225 S CEDAR ST
City:	IMLAY CITY
Zip:	48444-1303
Facility ID:	92044017
Owner Name:	THERMOGAS CO
Owner Address:	225 S CEDAR ST
Owner City,St,Zip:	IMLAY CITY, MI 48444-1303
District:	2
Date of Collection:	07/26/2005
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Horizontal Datum:	NAD83
Latitude:	43.0267730
Longitude:	-83.070753
Tank Id:	ATK-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

F28 **172 NORTH CEDAR STREET** **INVENTORY** **S108084247**
NE **172 NORTH CEDAR STREET** **BEA** **N/A**
< 1/8 **IMLAY CITY, MI 48444**
0.116 mi.
613 ft. **Site 3 of 3 in cluster F**

Relative: INVENTORY:
Higher

Actual:
817 ft.

Name:	172 NORTH CEDAR STREET
Address:	172 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported

172 NORTH CEDAR STREET (Continued) **S108084247**

District: Lansing
Data Source: Risks Not Determined
Location ID: 73095
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Eagle, Dennis
Latitude: 43.02569825
Longitude: -83.07119481

BEA:

Name:	172 NORTH CEDAR STREET
Address:	172 NORTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1067
District:	Lansing
Date Received:	04/27/2006
Submitter Name:	William S. Boom
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported

H29 **ARTPLACE CLEANERS** **INVENTORY** **S111934145**
WNW **213 E THIRD ST** **DRYCLEANERS** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.133 mi.
704 ft. **Site 1 of 5 in cluster H**

Relative:
Higher

Actual:
829 ft.

INVENTORY:

Name:	FORMER ARTPLACE CLEANERS
Address:	213 EAST THIRD STREET
City,State,Zip:	MI 48444
Township:	Not reported
District:	Not reported
Data Source:	Not reported
Location ID:	83230
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Not reported

ARTPLACE CLEANERS (Continued) **S111934145**

Latitude: Not reported
Longitude: Not reported

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
Last Insp Date: Not reported

WDS:
Name: ARTPLACE CLEANERS
Address: 213 E THIRD ST
City,State,Zip: IMLAY CITY, MI 48444
Site Id: MID017143959
WMD Id: 394800
Site Specific Name: ARTPLACE CLEANERS
Mailing Address: 213 E THIRD ST
Mailing City/State/Zip: 48444
Mailing County: LAPEER

H30 **ARTPLACE CLEANERS** **RCRA-VSQG** **1000347854**
WNW **213 E THIRD ST** **FINDS** **MID017143959**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.133 mi.
704 ft. **Site 2 of 5 in cluster H**

Relative:
Higher

Actual:
829 ft.

RCRA-VSQG:
Date Form Received by Agency: 20030403
Handler Name: ARTPLACE CLEANERS
Handler Address: 213 E THIRD ST
Handler City,State,Zip: IMLAY CITY, MI 48444
EPA ID: MID017143959
Contact Name: KITTY STORY
Contact Address: 213 E THIRD ST
Contact City,State,Zip: IMLAY CITY, MI 48444
Contact Telephone: 810-724-7685
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 05
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 213 E THIRD ST
Mailing City,State,Zip: IMLAY CITY, MI 48444

ARTPLACE CLEANERS (Continued) **1000347854**

Owner Name:	PLACEWAY SCOTT
Owner Type:	Private
Operator Name:	PLACEWAY SCOTT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

ARTPLACE CLEANERS (Continued) **1000347854**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PLACEWAY SCOTT
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PLACEWAY SCOTT
Legal Status: Private
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PLACEWAY SCOTT
Legal Status: Private
Date Became Current: 19700101
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

ARTPLACE CLEANERS (Continued) **1000347854**

Historic Generators:

Receive Date:	20030403
Handler Name: ARTPLACE CLEANERS	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19860911
Handler Name: ARTPLACE CLEANERS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110003588555

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000347854

ARTPLACE CLEANERS (Continued) **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

I31 **SPEEDWAY #8391** **LUST U002301906**
South **310 CEDAR ST** **UST N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **INVENTORY**
0.144 mi. **Financial Assurance**
758 ft. **Site 1 of 6 in cluster I**

Relative: **Higher**
Actual: **816 ft.**

LUST:

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00000901
Source:	STATE OF MICHIGAN
Owner Name:	SpeedwayLLC
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Cms #26
Latitude:	43.02124
Longitude:	-83.07252
Date of Collection:	03/16/2015
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-1728-90
Release Date:	09/10/1990
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH

SPEEDWAY #8391 (Continued) **U002301906**

Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	9
Capacity:	8000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	09/17/1990
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	8
Capacity:	8000
Tank Status:	Currently In Use

SPEEDWAY #8391 (Continued) **U002301906**

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

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	7
Capacity:	8000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	09/17/1990
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

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

SPEEDWAY #8391 (Continued) **U002301906**

Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	6
Capacity:	8000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/08/1971
Remove Date:	09/12/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT

SPEEDWAY #8391 (Continued) **U002301906**

Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	5
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	04/08/1971
Remove Date:	09/12/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	4
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1974
Remove Date:	09/12/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported

SPEEDWAY #8391 (Continued) **U002301906**

Latitude:	43.02124
Longitude:	-83.07252
Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	3
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1974
Remove Date:	09/11/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252
Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513

SPEEDWAY #8391 (Continued) **U002301906**

Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1974
Remove Date:	09/11/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	11
Capacity:	6000
Tank Status:	Currently In Use
Substance:	Kerosene
Install Date:	09/17/1990
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported

SPEEDWAY #8391 (Continued) **U002301906**

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

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	10
Capacity:	12000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	09/17/1990
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

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

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00000901

SPEEDWAY #8391 (Continued) **U002301906**

Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Erick Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/07/1968
Remove Date:	09/11/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02124
Longitude:	-83.07252

INVENTORY:

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Present but Not Immediate
Location ID:	10009
Lust Name:	Cms #26
Regulatory Program:	213
Release Status:	Open
Project Manager:	LaBrecque, David
Latitude:	43.021246
Longitude:	-83.07252

FINANCIAL ASSURANCE 3:

Name:	SPEEDWAY #8391
Address:	310 CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Facility ID:	00000901
Exempt:	No

SPEEDWAY #8391 (Continued) **U002301906**

Expiration Date:	12/31/2021
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:	Not reported
Surety Bond:	CHECKED
Trust Funds:	Not reported
Year:	2021

I32 **SPEEDWAY LLC** **AUL S111932684**
South **310 S CEDAR ST** **AIRS N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.154 mi.
815 ft. **Site 2 of 6 in cluster I**

Relative: **Higher**

Actual: **817 ft.**

AUL:

Name:	SPEEDWAY #8391
Address:	310 SOUTH CEDAR STREET
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Pending
Site Name:	Not reported
Property:	Off-Site
Land Use Restriction Type:	MDOT
Program Type:	Part 213
Program Support Assigned User:	Not reported
Program Support Assigned Date:	Not reported
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	19121316030
MDEQ Reference Number:	MDOT-RRD-213-16-030
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	Not reported
Mapped Polygons Area In Acres:	Not reported
Mapped Polygons Area In Square Miles:	Not reported
Date Data Entry Started:	Not reported
Date Data Entry Finished:	Not reported
Individual Or Staff Assoc With The Mapping:	Not reported
Program Used To Map Restricted Features:	Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	Not reported
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0

SPEEDWAY LLC (Continued) **S111932684**

Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: 20160930 - Reference number was requested by Maureen Johnston of ATC Group Services LLC - Nick Ekel
Map Comments: Not reported

AIRS:
Name: SPEEDWAY SUPERAMERICA, LLC
Address: 310 S CEDAR STREET
City,State,Zip: IMLAY CITY, MI 48444
State Registration Number: P0027
Naics Code: Not reported
Contact Email: Not reported
Contact Name: KEITH HUGHES
Contact Phone: 9378637642
Contact Address: 500 SPEEDWAY DRIVE
Contact City,St,Zip: ENON, OH 45323
Permit Number: 5-10
Date Received: 01/07/2010
Application Reason: GENERAL PTI - SOIL OR GROUNDWATER REMEDIATION
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: Not reported
Tribal Code: Not reported
Facility Status Code: Not reported
Facility Status: Active
Supplemental Location Text: SSA #8391
Business Name: Not reported
Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
UTM Horizontal Coord: Not reported
UTM Vertical Coord: Not reported
Mailing Name: Not reported
Mailing Contact Person: Not reported
Mailing Street: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4 Extension: Not reported
Compliance Person: Not reported
Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: Not reported
EI Contact Area Code: Not reported
EI Contact Phone Number: Not reported
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: Not reported
Of Employees: Not reported
Reporting Year: Not reported
Date Record Was Created: Not reported

SPEEDWAY LLC (Continued) **S111932684**

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

I33 **SPEEDWAY LLC** **RCRA-VSQG 1004722457**
South **310 S CEDAR ST** **FINDS MI0000961854**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.154 mi.
815 ft. **Site 3 of 6 in cluster I**

Relative: **Higher**

Actual: **817 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20120705
Handler Name:	SPEEDWAY LLC	
Handler Address:		310 S CEDAR ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MI0000961854
Contact Name:		CHARLES A BESSE
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		937-863-6272
Contact Fax:		937-863-6078
Contact Email:		CABESSE@SPEEDWAY.COM
Contact Title:		Not reported
EPA Region:		05
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		P O BOX 1500
Mailing City,State,Zip:		SPRINGFIELD, OH 45501
Owner Name:		SPEEDWAY LLC
Owner Type:		Private
Operator Name:		SPEEDWAY LLC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

SPEEDWAY LLC (Continued) **1004722457**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20120706
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
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

SPEEDWAY LLC (Continued) **1004722457**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY SUPERAMERICA LLC
Legal Status:	Private
Date Became Current:	19980101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	19980101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY 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

SPEEDWAY LLC (Continued) **1004722457**

Date Became Current:	19980101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19941201
Handler Name: SPEEDWAY SUPERAMERICA LLC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20051110
Handler Name: SPEEDWAY SUPERAMERICA LLC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20120705
Handler Name: SPEEDWAY LLC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

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

SPEEDWAY LLC (Continued) **1004722457**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003569978

Click Here:

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

Click this hyperlink while viewing on your computer to access additional 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

J34 **MI DEPT/AGRICULTURE** **INVENTORY** **S111954329**
WSW **140 E 2ND ST** **BEA** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **WDS**
0.158 mi.
835 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
819 ft.

INVENTORY:

Name:	140 EAST 2ND STREET
Address:	140 EAST 2ND STREET
City,State,Zip:	MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Not Determined
Location ID:	73092
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Eagle, Dennis
Latitude:	NaN
Longitude:	NaN

BEA:

Name:	140 EAST 2ND STREET
Address:	140 EAST 2ND STREET
City,State,Zip:	MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	07/21/2016

MI DEPT/AGRICULTURE (Continued) **S111954329**

Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	44000282
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602191LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-07-25 13:47:39
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category B1 Associated ID #s like ITS and Site ID go here. REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: (enter information here) (any other information is entered here) Notification provided to: Date: (Name here)
Organization:	City Grain LLC
Contact:	Ed Bulzan
Contact Type:	Submitter Contact

WDS:

Name:	MI DEPT/AGRICULTURE
Address:	140 E 2ND ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIP200001520
WMD Id:	435405
Site Specific Name:	MI DEPT/AGRICULTURE
Mailing Address:	140 E 2ND ST
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

J35 **MI DEPT/AGRICULTURE** **RCRA NonGen / NLR** **1007102243**
WSW **140 E 2ND ST** **MIP200001520**
1/8-1/4 **IMLAY CITY, MI 48444**
0.158 mi.
835 ft. **Site 2 of 3 in cluster J**

Relative: **Higher**

Actual: **819 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19800101
Handler Name:	MI DEPT/AGRICULTURE	
Handler Address:		140 E 2ND ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MIP200001520
Contact Name:		CHARLES CUBBAGE
Contact Address:		140 E 2ND ST
Contact City,State,Zip:		IMLAY CITY, MI 48444
Contact Telephone:		517-330-9483
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported

MI DEPT/AGRICULTURE (Continued) **1007102243**

EPA Region:	05
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	140 E 2ND ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	MI DEPT/AGRICULTURE
Owner Type:	State
Operator Name:	MI DEPT/AGRICULTURE
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

MI DEPT/AGRICULTURE (Continued) **1007102243**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	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

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

MI DEPT/AGRICULTURE (Continued) **1007102243**

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

J36 **LAPEER COUNTY CO-OP INC** **UST** **U002301893**
WSW **140 E 2ND ST** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444**
0.158 mi.
835 ft. **Site 3 of 3 in cluster J**

Relative:
Higher

Actual:
819 ft.

UST:
Name: LAPEER COUNTY CO-OP INC
Address: 140 E 2ND ST
City,State,Zip: IMLAY CITY 48444-1332
Facility Type: CLOSED
Facility ID: 00007512
Owner Name: LAPEER COUNTY COOP INC
Owner Address: 155 S SAGINAW ST
Owner City: LAPEER
Owner State: MI
Owner Zip: 48446-2603
Owner Contact: Not reported
Owner Phone: 8106642907
Contact: DONALD CURREY
Contact Phone: (810) 664-2907
Date of Collection: 01/11/2001
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

LAPEER COUNTY CO-OP INC (Continued) **U002301893**

Impressed Device: Not reported
Latitude: 43.02282
Longitude: -83.07647

H37 **CLOTHES BASKET CLEANERS** **DRYCLEANERS** **S117978158**
West **144 EAST THIRD STREET** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444**
0.172 mi.
910 ft. **Site 3 of 5 in cluster H**

Relative: **Higher**
Actual: **830 ft.**

DRYCLEANERS:
Name: RAINBOW DRY CLEANERS
Address: 144 EAST THIRD STREET
City,State,Zip: IMLAY CITY, MI 48444
fadd2: Not reported
Facility Status: Closed
Establishment#: 4400003
DCM #: Not reported
DCM Type: Commercial
Total lb: Not reported
Inspector: joejaskowski
Last Insp Date: Not reported

Name: CLOTHES BASKET CLEANERS
Address: 144 EAST THIRD STREET
City,State,Zip: IMLAY CITY, MI 48444
fadd2: Not reported
Facility Status: Closed
Establishment#: 4400004
DCM #: Not reported
DCM Type: Commercial
Total lb: Not reported
Inspector: Not reported
Last Insp Date: Not reported

H38 **COLES CLEANERS INC** **RCRA NonGen / NLR** **1000220638**
West **144 E 3RD ST** **FINDS** **MID064190697**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.172 mi.
910 ft. **Site 4 of 5 in cluster H**

Relative: **Higher**
Actual: **830 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 19860911
Handler Name: COLES CLEANERS INC
Handler Address: 144 E 3RD ST
Handler City,State,Zip: IMLAY CITY, MI 48444
EPA ID: MID064190697
Contact Name: CARMEN BOTELLO
Contact Address: 144 E 3RD ST
Contact City,State,Zip: IMLAY CITY, MI 48444
Contact Telephone: 313-724-6213
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 05
Land Type: Other

COLES CLEANERS INC (Continued) **1000220638**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	144 E 3RD ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner Type:	Private
Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

COLES CLEANERS INC (Continued) **1000220638**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	19700103
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	19700103
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19860911
Handler Name: COLES CLEANERS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

COLES CLEANERS INC (Continued) **1000220638**

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003600988

Click Here:

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

H39 **144 E 3RD STREET** **INVENTORY** **S111935040**
West **144 E 3RD STREET** **WDS** **N/A**
1/8-1/4 **IMLAY CITY, MI 48444**
0.172 mi.
910 ft. **Site 5 of 5 in cluster H**

Relative:
Higher

Actual:
830 ft.

INVENTORY:
Name: 144 E 3RD STREET
Address: 144 E 3RD STREET
City,State,Zip: IMLAY CITY, MI 48444
Township: Not reported
District: Lansing
Data Source: Risks Present and Immediate
Location ID: 38919
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Eggleston, Michael
Latitude: 43.02424499
Longitude: -83.07651317

144 E 3RD STREET (Continued) **S111935040**

WDS:
- Name: COLES CLEANERS INC
- Address: 144 E 3RD ST
- City,State,Zip: IMLAY CITY, MI 48444
- Site Id: MID064190697
- WMD Id: 396733
- Site Specific Name: COLES CLEANERS
- Mailing Address: 144 E 3RD ST
- Mailing City/State/Zip: 48444
- Mailing County: LAPEER

I40 **GTE NORTH, INC** **LUST U003867045**
South **311 S CEDAR ST** **UST N/A**
1/8-1/4 **IMLAY CITY, MI 48444** **INVENTORY**
0.176 mi. **WDS**
927 ft. **Site 4 of 6 in cluster I**

Relative: Higher

Actual: 820 ft.

LUST:
- Name: GTE NORTH, INC
- Address: 311 S CEDAR ST
- City,State,Zip: IMLAY CITY, MI 48444-
- Facility ID: 00011214
- Source: STATE OF MICHIGAN
- Owner Name: GteNorth Inc
- Owner Address: Not reported
- Owner City,St,Zip: UNKNOWN, MI
- Owner Contact: Not reported
- Owner Phone: Not reported
- Country: USA
- District: Lansing
- Site Name: Gte Operations Facility
- Latitude: 43.02118
- Longitude: -83.07194
- Date of Collection: 01/11/2001
- Method of Collection: Address Matching-House Number
- Accuracy: 100
- Accuracy Value Unit: FEET
- Horizontal Data: NAD83
- Point Line Area: POINT
- Desc Category: Plant Entrance (Freight)
- Regulatory Program: Not reported
- Risk Condition: Not reported
- Project Manager: Not reported
- Senate District: Not reported
- House District: Not reported
- US Congressional District: Not reported

- Leak Number: C-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

GTE NORTH, INC (Continued) **U003867045**

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
Substance:	Used Oil
Install Date:	04/30/1973
Remove Date:	06/18/1992
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02118
Longitude:	-83.07194

Name:	GTE NORTH, INC
Address:	311 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1305
Facility Type:	CLOSED
Facility ID:	00011214
Owner Name:	GTE NORTH INC
Owner Address:	8001 W JEFFERSON BLVD
Owner City:	FORT WAYNE
Owner State:	IN
Owner Zip:	46804-4141
Owner Contact:	Not reported
Owner Phone:	2194612478
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported

GTE NORTH, INC (Continued) **U003867045**

Method of Collection:	Not reported
District:	Not reported
Tank ID:	1130030B
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/30/1973
Remove Date:	06/18/1992
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

INVENTORY:

Name:	GTE NORTH, INC
Address:	311 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	56168
Lust Name:	Gte Operations Facility
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Deskins, Matthew
Latitude:	43.021189
Longitude:	-83.071947

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

I41 **VERIZON NORTH INC** **RCRA-VSQG** **1000213251**
South **311 S CEDAR ST** **FINDS** **MID124231481**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.176 mi.
927 ft. **Site 5 of 6 in cluster I**

Relative: **Higher**
Actual: **820 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20050308
Handler Name:	VERIZON NORTH INC	
Handler Address:		311 S CEDAR ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MID124231481

VERIZON NORTH INC (Continued) **1000213251**

Contact Name:	PAUL GEBHARD
Contact Address:	311 S CEDAR ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	317-896-6147
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1500 MACCORKLE AVE SE
Mailing City,State,Zip:	CHARLESTON, WV 25314
Owner Name:	GTE NORTH INC
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 Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

VERIZON NORTH INC (Continued) **1000213251**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	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

VERIZON NORTH INC (Continued) **1000213251**

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:	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

VERIZON NORTH INC (Continued) **1000213251**

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:	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
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

VERIZON NORTH INC (Continued) **1000213251**

Historic Generators:
Receive Date: 19851127
Handler Name: VERIZON NORTH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000925
Handler Name: VERIZON NORTH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050308
Handler Name: VERIZON NORTH INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 51711
NAICS Description: WIRED AND WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003612671

VERIZON NORTH INC (Continued) **1000213251**

Click Here:

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

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

ECHO:

Envid:	1000213251
Registry ID:	110003612671
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003612671
Name:	VERIZON NORTH INC
Address:	311 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444

I42 **DODGE CS AND SON AND SON INC** **RCRA NonGen / NLR** **1000528812**
South **320 S CEDAR ST** **FINDS** **MID985612399**
1/8-1/4 **IMLAY CITY, MI 48444** **ECHO**
0.182 mi.
963 ft. **Site 6 of 6 in cluster I**

Relative:
Higher

Actual:
819 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20010826
Handler Name:	DODGE CS AND SON AND SON INC
Handler Address:	320 S CEDAR ST
Handler City,State,Zip:	IMLAY CITY, MI 48444
EPA ID:	MID985612399
Contact Name:	MICHAEL DODGE
Contact Address:	320 S CEDAR ST
Contact City,State,Zip:	IMLAY CITY, MI 48444
Contact Telephone:	810-724-6305
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	320 S CEDAR ST
Mailing City,State,Zip:	IMLAY CITY, MI 48444
Owner Name:	BURNS DENNIS
Owner Type:	Private
Operator Name:	BURNS DENNIS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

DODGE CS AND SON AND SON INC (Continued) **1000528812**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
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

DODGE CS AND SON AND SON INC (Continued) **1000528812**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BURNS DENNIS
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BURNS DENNIS
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BURNS DENNIS
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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:	No
Recognized Trader Importer:	No

DODGE CS AND SON AND SON INC (Continued) **1000528812**

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: 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: 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:

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: 1000528812
Registry ID: 110003657105
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003657105
Name: DODGE CS AND SON AND SON INC
Address: 320 S CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444

K43 **STYLE TECH'S** **RCRA-VSQG** **1026832782**
WNW **101 E THIRD ST** **MIK174921930**
1/8-1/4 **IMLAY CITY, MI 48444**
0.220 mi.
1163 ft. **Site 1 of 2 in cluster K**

Relative: **Higher**

Actual: **828 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20210319
Handler Name:	STYLE TECH'S	
Handler Address:		101 E THIRD ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MIK174921930
Contact Name:		TERESA CAMPBELL
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		810-614-2932
Contact Fax:		Not reported
Contact Email:		TERESACAMPBELL10@GMAIL.COM
Contact Title:		Not reported
EPA Region:		05
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		101 E THIRD ST
Mailing City,State,Zip:		IMLAY CITY, MI 48444
Owner Name:		STYLE TECH'S
Owner Type:		Private
Operator Name:		STYLE TECH'S
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

STYLE TECH'S (Continued) **1026832782**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210819
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STYLE TECH'S
Legal Status:	Private
Date Became Current:	20210319
Date Ended Current:	Not reported
Owner/Operator Address:	101 E THIRD ST
Owner/Operator City,State,Zip:	IMLAY CITY, MI 48444-1319
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STYLE TECH'S
Legal Status:	Private
Date Became Current:	20210319
Date Ended Current:	Not reported
Owner/Operator Address:	101 E THIRD ST
Owner/Operator City,State,Zip:	IMLAY CITY, MI 48444-1319

STYLE TECH'S (Continued) **1026832782**

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

Historic Generators:
Receive Date: 20210319
Handler Name: STYLE TECH'S
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 812199
NAICS Description: OTHER PERSONAL CARE SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

44
NW
1/8-1/4
0.225 mi.
1190 ft.

GTE NORTH INC **UST** **U000257966**
155 E 4TH ST **N/A**
IMLAY CITY, MI 48444

Relative:
Higher

Actual:
828 ft.

UST:
Name: GTE NORTH INC
Address: 155 E 4TH ST
City,State,Zip: IMLAY CITY 48444-1197
Facility Type: CLOSED
Facility ID: 00018348
Owner Name: GTE NORTH INC
Owner Address: 41140 BRIDGE ST
Owner City: NOVI
Owner State: MI
Owner Zip: 48375-1300
Owner Contact: Not reported
Owner Phone: 3178966605
Contact: MR CHARLES HARTER
Contact Phone: (219) 461-2307
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN

GTE NORTH INC (Continued) **U000257966**

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**
0.237 mi.
1253 ft.

Relative: **Lower**

Actual: **802 ft.**

AST:

Name:	AMERIGAS EAGLE
Address:	600 E 1ST ST
City:	IMLAY CITY
Zip:	48444-1364
Facility ID:	92084174
Owner Name:	AMERIGAS EAGLE
Owner Address:	830 CANTERBURY RD
Owner City,St,Zip:	WEST LAKE, OH 44145
District:	2
Date of Collection:	07/26/2005
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Horizontal Datum:	NAD83
Latitude:	43.0219000
Longitude:	-83.070724

Tank Id:	ATK-086124-15
Tank Status:	Removed from Premises
Capacity (in gallons):	30000
Installation Date:	11/04/1998
Substance Stored:	LPG,Other
Removed/Closed Date:	11/19/2003

K46 **W NEIL SPINK DDS** **LUST** **U003995517**
WNW **110 W 3RD ST** **UST** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **INVENTORY**
0.254 mi.
1341 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
828 ft.

LUST:

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00041744
Source:	STATE OF MICHIGAN
Owner Name:	WNeil Spink DDS
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	W Neil spink DDS
Latitude:	43.02402
Longitude:	-83.07777
Date of Collection:	07/26/2005
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-0172-05
Release Date:	01/06/2005
Substance Released:	Used Oil
Release Status:	Closed
Release Closed Date:	05/23/2005

UST:

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444-1096
Facility Type:	Removed from Ground
Facility ID:	00041744
Owner Name:	W NEIL SPINK DDS
Owner Address:	110 W THIRD ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246441
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported

W NEIL SPINK DDS (Continued) **U003995517**

Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Nrt-2
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	1988-12-01 00:00:00
Tank Number:	UTK-120457-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Other
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Other,Unknown
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444-1096
Facility Type:	Removed from Ground
Facility ID:	00041744
Owner Name:	W NEIL SPINK DDS
Owner Address:	110 W THIRD ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246441
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Nrt-1
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	1988-12-01 00:00:00
Tank Number:	UTK-120456-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Other
Piping Material:	Unknown

W NEIL SPINK DDS (Continued) **U003995517**

Piping Type:	Not reported
Tank Construction:	Other,Unknown
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY 48444-1096
Facility Type:	CLOSED
Facility ID:	00041744
Owner Name:	W NEIL SPINK DDS
Owner Address:	110 W THIRD ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246441
Contact:	W Neil Spink DDS
Contact Phone:	(810) 724-6441
Date of Collection:	07/26/2005
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	1
Capacity:	500
Tank Status:	Closed in Ground
Substance:	Used Oil
Install Date:	Not reported
Remove Date:	01/01/1988
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02402
Longitude:	-83.07777

INVENTORY:

Name:	W NEIL SPINK DDS
Address:	110 W 3RD ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	59995
Lust Name:	W Neil spink DDS
Regulatory Program:	213
Release Status:	Closed

W NEIL SPINK DDS (Continued) **U003995517**

Project Manager: LaBrecque, David
Latitude: 43.024029
Longitude: -83.077778

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47 **COUNTRY CORNER** **LUST** **S102852168**
NNE **345 N CEDAR ST** **INVENTORY** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444**
0.264 mi.
1394 ft.

Relative:
Higher

Actual:
822 ft.

LUST:

Name:	COUNTRY CORNER
Address:	345 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	50000104
Source:	STATE OF MICHIGAN
Owner Name:	NrtOwner
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Country Corners
Latitude:	43.02714
Longitude:	-83.07143
Date of Collection:	10/05/2004
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-0874-89
Release Date:	11/02/1989
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	10/19/1993

INVENTORY:

Name:	COUNTRY CORNER
Address:	345 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	42413
Lust Name:	Country Corners
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Leinbach, Abby

COUNTRY CORNER (Continued) **S102852168**

Latitude: 43.027147
Longitude: -83.071435

48
South
1/4-1/2
0.396 mi.
2089 ft.

PELINE PROPERTY / MCDONALD PLAZA
587 S CEDAR ST
IMLAY CITY, MI 48444

LUST **U001147832**
UST **N/A**
INVENTORY
BEA

Relative:
Higher

Actual:
822 ft.

LUST:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00036390
Source:	STATE OF MICHIGAN
Owner Name:	RemoPelini
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Mcdonald Plaza
Latitude:	43.01758
Longitude:	-83.07183
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-1172-99
Release Date:	11/16/1999
Substance Released:	Unknown
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1346
Facility Type:	CLOSED
Facility ID:	00036390
Owner Name:	REMO PELINI
Owner Address:	46456 SPRUCE DR
Owner City:	SHELBY TOWNSHIP
Owner State:	MI
Owner Zip:	48315-5756
Owner Contact:	Not reported
Owner Phone:	2486898660

PELINE PROPERTY / MCDONALD PLAZA (Continued) **U001147832**

Contact:	MR REMO PELINI
Contact Phone:	(313) 689-8660
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	Not reported
Tank Status:	Removed from Ground
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	11/06/1999
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.01758
Longitude:	-83.07183

INVENTORY:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	59855
Lust Name:	Mcdonald Plaza
Regulatory Program:	213
Release Status:	Open
Project Manager:	Maher, Meredith
Latitude:	43.017587
Longitude:	-83.071838

BEA:

Name:	PELINE PROPERTY / MCDONALD PLAZA
Address:	587 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/01/2016
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported

PELINE PROPERTY / MCDONALD PLAZA (Continued) **U001147832**

Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00036390
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602195LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-08-01 14:45:20
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category B1 Associated ID #s like ITS and Site ID go here. FID 36390 REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: (enter information here) (any other information is entered here) Notification provided to: Date: (N
Organization:	Livingworks LLC
Contact:	Keith Goodreau
Contact Type:	Submitter Contact

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49 **QWIK STOP #7** **LUST 1000465329**
North **557 N CEDAR ST** **UST N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **INVENTORY**
0.423 mi. **BEA**
2233 ft. **WDS**

Relative: **Higher**

Actual: **823 ft.**

LUST:

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00016549
Source:	STATE OF MICHIGAN
Owner Name:	TriCounty Petro
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Tri-county Petroleum
Latitude:	43.03002
Longitude:	-83.07171
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

QWIK STOP #7 (Continued) **1000465329**

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

UST:
Name: QWIK STOP #7
Address: 557 N CEDAR ST
City,State,Zip: IMLAY CITY 48444-1165
Facility Type: CLOSED
Facility ID: 00016549
Owner Name: TRI COUNTY PETRO
Owner Address: 2359 LIVERNOIS
Owner City: TROY
Owner State: MI
Owner Zip: 48083-1666
Owner Contact: Not reported
Owner Phone: 2486800303
Contact: Not reported
Contact Phone: ( ) -
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Lansing District Office
Tank ID: 6
Capacity: 12000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 04/23/1975
Remove Date: 06/19/1991
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 43.03002
Longitude: -83.07171

Name: QWIK STOP #7
Address: 557 N CEDAR ST
City,State,Zip: IMLAY CITY 48444-1165
Facility Type: CLOSED
Facility ID: 00016549
Owner Name: TRI COUNTY PETRO
Owner Address: 2359 LIVERNOIS
Owner City: TROY
Owner State: MI
Owner Zip: 48083-1666
Owner Contact: Not reported

QWIK STOP #7 (Continued) **1000465329**

Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	5
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975
Remove Date:	06/19/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	4
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975

QWIK STOP #7 (Continued) **1000465329**

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

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549
Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	3
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/23/1975
Remove Date:	06/19/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1165
Facility Type:	CLOSED
Facility ID:	00016549

QWIK STOP #7 (Continued) **1000465329**

Owner Name:	TRI COUNTY PETRO
Owner Address:	2359 LIVERNOIS
Owner City:	TROY
Owner State:	MI
Owner Zip:	48083-1666
Owner Contact:	Not reported
Owner Phone:	2486800303
Contact:	Not reported
Contact Phone:	( ) -
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/23/1975
Remove Date:	06/19/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03002
Longitude:	-83.07171

Name:	QWIK STOP #7
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

QWIK STOP #7 (Continued) **1000465329**

District:	Lansing District Office
Tank ID:	1
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/23/1975
Remove Date:	06/19/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03002
Longitude:	-83.07171

INVENTORY:

Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	56816
Lust Name:	Tri-county Petroleum
Regulatory Program:	213
Release Status:	Open
Project Manager:	Maher, Meredith
Latitude:	43.030023
Longitude:	-83.071714

BEA:

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:	03/03/1998
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00016549
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	P199800222LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City

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
Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/24/1998
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00016549
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B199800231LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Not reported
Organization:	Imlay City Investments, L.L.C.
Contact:	Abi-Raji, Antoine
Contact Type:	Submitter Contact
Name:	QWIK STOP #7
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/07/1997
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00016549
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	P199700158LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing

QWIK STOP #7 (Continued) **1000465329**

Comments:	Not reported
Organization:	Rite Aid Corp. of Michigan
Contact:	Kirkwood, Paul
Contact Type:	Submitter Contact

WDS:

Name:	PERRY DRUG STORES INC
Address:	557 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MID985599612
WMD Id:	403939
Site Specific Name:	RITE AID #4330
Mailing Address:	30 HUNTER LN
Mailing City/State/Zip:	17011
Mailing County:	Not reported

L50 **EZ QUICK MART INC #1** **AUL** **S109846080**
NNE **546 NORTH CEDAR** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444**
0.431 mi.
2276 ft. **Site 1 of 3 in cluster L**

Relative: **Lower**

Actual: **813 ft.**

AUL:

Name:	EZ QUICK MART INC #1
Address:	546 NORTH CEDAR
City,State,Zip:	IMLAY CITY, MI 48444
Status:	Recorded
Site Name:	Not reported
Property:	EZ Quick Mart Inc #1
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	10/15/2010
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	11121304138
MDEQ Reference Number:	RC-RRD-213-04-138
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121304138.PDF
Mapped Polygons Area In Acres:	2.8744999999999998
Mapped Polygons Area In Square Miles:	0.0044
Date Data Entry Started:	09/26/2011
Date Data Entry Finished:	09/26/2011
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcINFO 9.3 & IcoMAP 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	01/15/2002
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	1
Commercial Iv Land Use Restriction:	1
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0

EZ QUICK MART INC #1 (Continued) **S109846080**

Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	Request received on 6/8/2004
Map Comments:	20101015 - LRUR is NOT mapped in KERMIT - Nick Ekel 20110926 - LRUR is mapped in KERMIT - Nick Ekel

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L51 **IMLAY QUICKMART INC** **LUST U000258055**
NNE **546 N CEDAR ST** **UST N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **WDS**
0.431 mi.
2276 ft. **Site 2 of 3 in cluster L**

Relative: **Lower**

Actual: **813 ft.**

LUST:

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00010667
Source:	STATE OF MICHIGAN
Owner Name:	AlarisGroup LLC
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	Total #548
Latitude:	43.02984
Longitude:	-83.07063
Date of Collection:	03/16/2015
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-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

IMLAY QUICKMART INC (Continued) **U000258055**

Release Status: Closed
Release Closed Date: 12/15/2002

Leak Number: C-1962-90
Release Date: 10/16/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 12/15/2002

UST:
Name: IMLAY QUICKMART INC
Address: 546 N CEDAR ST
City,State,Zip: IMLAY CITY 48444-1166
Facility Type: ACTIVE
Facility ID: 00010667
Owner Name: ALARIS GROUP LLC
Owner Address: 41277 VANCOUVER
Owner City: STERLING HEIGHTS
Owner State: MI
Owner Zip: 48314
Owner Contact: Not reported
Owner Phone: 2488803434
Contact: Manhal Botrus
Contact Phone: (248) 880-3434
Date of Collection: 03/16/2015
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Lansing District Office
Tank ID: 6
Capacity: 30000
Tank Status: Currently In Use
Substance: Diesel,Gasoline,Other(Tank has compartments)
Install Date: 11/18/2001
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
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

IMLAY QUICKMART INC (Continued) **U000258055**

Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	5
Capacity:	50
Tank Status:	Removed from Ground
Substance:	Other(Floor Hoist)
Install Date:	05/01/1966
Remove Date:	04/07/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	4
Capacity:	1000

IMLAY QUICKMART INC (Continued) **U000258055**

Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	01/01/1970
Remove Date:	10/04/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	3
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/01/1966
Remove Date:	07/23/2001
Tank Number:	Not reported
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

IMLAY QUICKMART INC (Continued) **U000258055**

City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	2
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/01/1966
Remove Date:	07/23/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1166
Facility Type:	ACTIVE
Facility ID:	00010667
Owner Name:	ALARIS GROUP LLC
Owner Address:	41277 VANCOUVER
Owner City:	STERLING HEIGHTS
Owner State:	MI
Owner Zip:	48314
Owner Contact:	Not reported
Owner Phone:	2488803434
Contact:	Manhal Botrus
Contact Phone:	(248) 880-3434
Date of Collection:	03/16/2015
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN

IMLAY QUICKMART INC (Continued) **U000258055**

Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Lansing District Office
Tank ID:	1
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/01/1966
Remove Date:	07/23/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.02984
Longitude:	-83.07063

WDS:

Name:	E-Z QUICK MART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MI0000565374
WMD Id:	391230
Site Specific Name:	E-Z QUICK MART INC
Mailing Address:	PO BOX 413
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

L52 **IMLAY QUICKMART INC** **INVENTORY** **S118614832**
NNE **546 N CEDAR ST** **BEA** **N/A**
1/4-1/2 **IMLAY CITY, MI 48444** **Financial Assurance**
0.431 mi.
2276 ft. **Site 3 of 3 in cluster L**

Relative:
Lower

Actual:
813 ft.

INVENTORY:

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	43940
Lust Name:	Total #548
Regulatory Program:	213
Release Status:	Closed
Project Manager:	LaBrecque, David
Latitude:	43.02984
Longitude:	-83.070633

BEA:

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

IMLAY QUICKMART INC (Continued) **S118614832**

Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/07/2016
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00010667
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602154LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-03-08 07:54:32
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category A1 Associated ID #s like ITS and Site ID go here. FID No. 10667 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Closed 213 site, due care onging obligations bu current and future owners/operators. Notification provided to: Date:
Organization:	Imlay Quickmart Inc.
Contact:	Manhal Botrus
Contact Type:	Submitter Contact

Name:	IMLAY QUICKMART INC
Address:	546 N CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/07/2016
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00010667
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201602153LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2016-03-08 07:51:56
Date Completed:	Not reported
Township:	Imlay City
Work Unit:	Lansing
Comments:	Category A1 Associated ID #s like ITS and Site ID go here. FID No. 10667 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE

IMLAY QUICKMART INC (Continued) **S118614832**

TAKEN: Closed 213 site, due care onging obligations bu current and future owners/operators. Notification provided to: Date:
Organization: Alaris Group, LLC
Contact: Manhal Botrus
Contact Type: Submitter Contact

FINANCIAL ASSURANCE 3:
Name: IMLAY QUICKMART INC
Address: 546 N CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444-1166
Facility ID: 00010667
Exempt: No
Expiration Date: 03/09/2022
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: 2021

53
SSE
1/4-1/2
0.444 mi.
2346 ft.

Relative:
Higher

Actual:
821 ft.

SOUTH CEDAR STEEL
599 S CEDAR ST
IMLAY CITY, MI 48444

LUST **1000691447**
UST **MID985642172**
INVENTORY
RCRA NonGen / NLR
FINDS
ECHO
AIRS
WDS

LUST:
Name: SOUTH CEDAR STEEL WORKS
Address: 599 S CEDAR ST
City,State,Zip: IMLAY CITY, MI 48444-
Facility ID: 00037934
Source: STATE OF MICHIGAN
Owner Name: Charles& Olabelle Dotson
Owner Address: Not reported
Owner City,St,Zip: UNKNOWN, MI
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Lansing
Site Name: S Cedar Steel Works, Main Plant
Latitude: 43.01745
Longitude: -83.07183
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Regulatory Program: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

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

Leak Number: C-0467-94
Release Date: 05/14/1994
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 05/21/1998

UST:
Name: SOUTH CEDAR STEEL WORKS
Address: 599 S CEDAR ST
City,State,Zip: IMLAY CITY 48444-1333
Facility Type: CLOSED
Facility ID: 00037934
Owner Name: CHARLES & OLABELLE DOTSON
Owner Address: 230 DIRGO ST
Owner City: IMLAY CITY
Owner State: MI
Owner Zip: 48444-1208
Owner Contact: Not reported
Owner Phone: 8107246768
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: NRT2
Capacity: Not reported
Tank Status: Removed from Ground
Substance: Other(UNK)
Install Date: Not reported
Remove Date: 09/22/1997
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

Name: SOUTH CEDAR STEEL WORKS
Address: 599 S CEDAR ST
City,State,Zip: IMLAY CITY 48444-1333
Facility Type: CLOSED
Facility ID: 00037934

SOUTH CEDAR STEEL (Continued) **1000691447**

Owner Name:	CHARLES & OLABELLE DOTSON
Owner Address:	230 DIRGO ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1208
Owner Contact:	Not reported
Owner Phone:	8107246768
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	NRT1
Capacity:	Not reported
Tank Status:	Removed from Ground
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	09/22/1997
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1333
Facility Type:	CLOSED
Facility ID:	00037934
Owner Name:	CHARLES & OLABELLE DOTSON
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

SOUTH CEDAR STEEL (Continued) **1000691447**

District:	Lansing District Office
Tank ID:	2
Capacity:	1500
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	09/18/1997
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.01745
Longitude:	-83.07183

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY 48444-1333
Facility Type:	CLOSED
Facility ID:	00037934
Owner Name:	CHARLES & OLABELLE DOTSON
Owner Address:	230 DIRGO ST
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444-1208
Owner Contact:	Not reported
Owner Phone:	8107246768
Contact:	ALEX EDDINGTON
Contact Phone:	(810) 220-3202
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	Not reported
Tank Status:	Removed from Ground
Substance:	Other(HYDRAULIC/OIL)
Install Date:	Not reported
Remove Date:	09/18/1997
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.01745
Longitude:	-83.07183

SOUTH CEDAR STEEL (Continued) **1000691447**

INVENTORY:

Name:	SOUTH CEDAR STEEL WORKS
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Risks Present but Not Immediate
Location ID:	9491
Lust Name:	S Cedar Steel Works, Main Plant
Regulatory Program:	213
Release Status:	Closed
Project Manager:	LaBrecque, David
Latitude:	43.017456
Longitude:	-83.071831

RCRA NonGen / NLR:

Date Form Received by Agency:		20021231
Handler Name:	SOUTH CEDAR STEEL	
Handler Address:		599 S CEDAR ST
Handler City,State,Zip:		IMLAY CITY, MI 48444
EPA ID:		MID985642172
Contact Name:		DAVID DOTSON
Contact Address:		599 S CEDAR ST
Contact City,State,Zip:		IMLAY CITY, MI 48444
Contact Telephone:		313-724-8927
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		05
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		599 S CEDAR ST
Mailing City,State,Zip:		IMLAY CITY, MI 48444
Owner Name:		NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner Type:		Private
Operator Name:		NO ACTIVE O/OP AS NOT GENERATING WASTE
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No

SOUTH CEDAR STEEL (Continued) **1000691447**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	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

SOUTH CEDAR STEEL (Continued) **1000691447**

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

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20021231
Handler Name: SOUTH CEDAR STEEL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920512
Handler Name: SOUTH CEDAR STEEL

SOUTH CEDAR STEEL (Continued) **1000691447**

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

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960506
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960531
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960506
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960531
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description: Generators - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19960222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19960222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960222
Actual Return to Compliance Date: 19970324
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960506
Enforcement Identifier: 002
Date of Enforcement Action: 19960506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SOUTH CEDAR STEEL (Continued) **1000691447**

Violation Short Description:	LDR - General
Date Violation was Determined:	19960222
Actual Return to Compliance Date:	19970324
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960506
Enforcement Identifier:	002
Date of Enforcement Action:	19960506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324

SOUTH CEDAR STEEL (Continued) **1000691447**

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:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	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

SOUTH CEDAR STEEL (Continued) **1000691447**

Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	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:	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:	19960531
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	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
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported

SOUTH CEDAR STEEL (Continued) **1000691447**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960531
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	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
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State

SOUTH CEDAR STEEL (Continued) **1000691447**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970318
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	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

SOUTH CEDAR STEEL (Continued) **1000691447**

Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960430
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970324
Scheduled Compliance Date:	19960506
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110001845200

Click Here:

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

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

ECHO:

Envid:	1000691447
Registry ID:	110001845200
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001845200
Name:	SOUTH CEDAR STEEL
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444

SOUTH CEDAR STEEL (Continued) **1000691447**

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
Record Type:	Not reported
State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Tribal Code:	Not reported
Facility Status Code:	Not reported
Facility Status:	Active
Supplemental Location Text:	Not reported
Business Name:	Not reported
Principal Product:	Not reported
Principal Product Description:	Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System):	Not reported
UTM Horizontal Coord:	Not reported
UTM Vertical Coord:	Not reported
Mailing Name:	Not reported
Mailing Contact Person:	Not reported
Mailing Street:	Not reported
Mailing City:	Not reported
Mailing State:	Not reported
Mailing Zip:	Not reported
Mailing Zip 4 Extension:	Not reported
Compliance Person:	Not reported
Compliance Area Code:	Not reported
Compliance Phone Number:	Not reported
Emission Inventory Contact Person:	Not reported
EI Contact Area Code:	Not reported
EI Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

WDS:

Name:	SOUTH CEDAR STEEL
Address:	599 S CEDAR ST
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MID985642172
WMD Id:	407174
Site Specific Name:	SOUTH CEDAR STEEL

SOUTH CEDAR STEEL (Continued) **1000691447**

Mailing Address: 599 S CEDAR ST
Mailing City/State/Zip: 48444
Mailing County: LAPEER

54
North
1/4-1/2
0.453 mi.
2392 ft.

430 EAST CAPAC ROAD
430 EAST CAPAC ROAD
IMLAY CITY, MI 48444

INVENTORY **S112241410**
BEA **N/A**

Relative:
Higher

Actual:
823 ft.

INVENTORY:
Name: 430 EAST CAPAC ROAD
Address: 430 EAST CAPAC ROAD
City,State,Zip: IMLAY CITY, MI 48444
Township: Not reported
District: Lansing
Data Source: Risks Not Determined
Location ID: 73120
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Eagle, Dennis
Latitude: 43.03044343
Longitude: -83.07309347

BEA:
Name: 430 EAST CAPAC ROAD
Address: 430 EAST CAPAC ROAD
City,State,Zip: IMLAY CITY, MI 48444
Secondary Address: Not reported
BEA Number: 1763
District: Lansing
Date Received: 09/19/2012
Submitter Name: MiCB-MaCB RE Holdings I, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: labrecqd
Division Assigned: RD
Location ID: Not reported
Submittal Type: Not reported
Submittal Number: Not reported
Approval Status: Not reported
Workflow Status: Not reported
Date Submitted: Not reported
Date Completed: Not reported
Township: Not reported
Work Unit: Not reported
Comments: Not reported
Organization: Not reported
Contact: Not reported
Contact Type: Not reported

55
North
1/4-1/2
0.458 mi.
2420 ft.

PARSCH AUTOMOTIVE
314 CAPAC RD
IMLAY CITY, MI 48444

LUST **U002301907**
UST **N/A**
INVENTORY
Financial Assurance

Relative:
Higher

Actual:
822 ft.

LUST:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY, MI 48444-
Facility ID:	00018276
Source:	STATE OF MICHIGAN
Owner Name:	AJ& L Partners
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Lansing
Site Name:	A.j.l. Partners
Latitude:	43.03013
Longitude:	-83.06917
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	C-2249-92
Release Date:	12/15/1992
Substance Released:	Gasoline
Release Status:	Closed
Release Closed Date:	09/27/2000

UST:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83

PARSCH AUTOMOTIVE (Continued) **U002301907**

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:	15000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	11/01/1993
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	6
Capacity:	1000
Tank Status:	Currently In Use
Substance:	Used Oil
Install Date:	01/01/1987
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported

PARSCH AUTOMOTIVE (Continued) **U002301907**

Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917
Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	5
Capacity:	4000
Tank Status:	Currently In Use
Substance:	Kerosene
Install Date:	05/03/1965
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917
Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported

PARSCH AUTOMOTIVE (Continued) **U002301907**

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:	4
Capacity:	10000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/03/1982
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	3
Capacity:	15000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/03/1974

PARSCH AUTOMOTIVE (Continued) **U002301907**

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
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276
Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	05/03/1965
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY 48444
Facility Type:	ACTIVE
Facility ID:	00018276

PARSCH AUTOMOTIVE (Continued) **U002301907**

Owner Name:	AJ & L PARTNERS
Owner Address:	314 CAPAC RD
Owner City:	IMLAY CITY
Owner State:	MI
Owner Zip:	48444
Owner Contact:	Not reported
Owner Phone:	8107246630
Contact:	Louis Parsch
Contact Phone:	(810) 724-6630
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Lansing District Office
Tank ID:	1
Capacity:	10000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/03/1982
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	43.03013
Longitude:	-83.06917

INVENTORY:

Name:	PARSCH AUTOMOTIVE
Address:	314 CAPAC RD
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Imlay City
District:	Lansing
Data Source:	Not reported
Location ID:	43183
Lust Name:	A.j.l. Partners
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Peters, Trisha
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

PARSCH AUTOMOTIVE (Continued) **U002301907**

Expiration Date:	10/25/2018
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:	2017

56
SE
1/2-1
0.540 mi.
2849 ft.

611 INDUSTRIAL PARKWAY
611 INDUSTRIAL PARKWAY
IMLAY CITY, MI 48444

PART 201 **S104910932**
INVENTORY **N/A**
BEA
NPDES
WDS

Relative:
Lower

Actual:
800 ft.

PART 201:

Facility ID:	44000087
Facility Status:	**Inactive - no actions taken to address contamination**
Source:	Motor Vehicle Parts
SAM Score:	25
SAM Score Date:	12/12/2003
Township:	07N
Range:	12E
Section:	20
Quarter:	NE
Quarter/Quarter:	Not reported
Pollutants:	Acetone; Cd; Pb

INVENTORY:

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Township:	Not reported
District:	Lansing
Data Source:	Risks Not Determined
Location ID:	8348
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Sakowski, Kimberly
Latitude:	43.019046
Longitude:	-83.070195

BEA:

Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1526
District:	Lansing
Date Received:	08/12/2010
Submitter Name:	Comerica Bank
Petition Determination:	No Request
Petition Disclosure:	0

611 INDUSTRIAL PARKWAY (Continued) **S104910932**

Category:	N
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	RRD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI
Secondary Address:	Not reported
BEA Number:	314
District:	Lansing
Date Received:	12/10/1998
Submitter Name:	Windcrest Properties, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	temppm
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1699
District:	Lansing
Date Received:	02/23/2012
Submitter Name:	Vintech Real Estate Holdings, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Not reported

611 INDUSTRIAL PARKWAY (Continued) **S104910932**

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

Name:	611 INDUSTRIAL PARKWAY
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	1700
District:	Lansing
Date Received:	02/23/2012
Submitter Name:	M & S Extrusions, Inc.
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Not reported
Determination 20107A:	No Request
Reviewer:	labrecqd
Division Assigned:	RRD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	12/10/1998
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported

611 INDUSTRIAL PARKWAY (Continued) **S104910932**

Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B199800314LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Not reported
Organization:	Windcrest Properties, LLC
Contact:	Yeomans, Gary
Contact Type:	Submitter Contact

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	08/12/2010
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201001526LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2010-08-13 13:09:36
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Not reported
Organization:	Comerica Bank
Contact:	Gary Mach
Contact Type:	Submitter Contact

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	02/23/2012
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported

611 INDUSTRIAL PARKWAY (Continued) **S104910932**

Division Assigned:	Not reported
Location ID:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201201699LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2012-02-24 12:33:35
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Category B2 Associated ID #s like ITS and Site ID go here. B201201700LA B201001526LA B199800314LA Site ID#44000087, Omni International REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates further follow up is needed, awaiting resources. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Receptor survey, evaluaiton of risk, and evaluation of viable potentially responsible party. No
Organization:	Vintech Real Estate Holdings, LLC
Contact:	Vince McNish
Contact Type:	Submitter Contact

Name:	OMNI INTERNATIONAL
Address:	611 INDUSTRIAL PARKWAY
City,State,Zip:	IMLAY CITY, MI 48444
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	02/23/2012
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	44000087
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201201700LA
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2012-02-27 08:01:11
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Lansing
Comments:	Category B2 Associated ID #s like ITS and Site ID go here. B201201699LA B201001526LA B199800314LA Site ID#44000087, Omni International REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates further follow up is needed, awaiting resources. FURTHER 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

611 INDUSTRIAL PARKWAY (Continued) **S104910932**

MI NPDES:

Name:	VINTECH INDUSTRIES
Address:	611 INDUSTRIAL PARK DRIVE
City,State,Zip:	IMLAY CITY, MI 48444
Permit Number:	NEC187043
Permitee PO Box:	Not reported
Permitee Email:	Not reported
Issue Date:	07/29/2020
Effective Date:	07/29/2020
Expiration Date:	07/29/2025
Permittee Name:	Vintech Industries
Permittee Address:	611 Industrial Park Drive
Permittee Addr2:	Not reported
Permittee City,St,Zip:	Imlay City, MI 48444
Permit Type:	NPDES Industrial Storm Water No Exposure Certificate (NEC)
Facility Name 2:	Not reported
Facility Name 3:	Not reported
Facility Name 4:	Not reported
Designed Name:	Not reported
Latitude:	43.0172
Lat Direction:	Not reported
Lat Type Code:	Not reported
Longitude:	83.0678
Lon Direction:	Not reported
Lon Type Code:	Not reported
Hydrologic Unit Code:	Not reported
Permit Status:	In Effect
COC Permit Category:	Not reported
DEQ District Email:	Lansing
DEQ Permit Compliance Manager:	Danielle McLain
DEQ Permit Compliance Manager Email:	McLainD2@michigan.gov

WDS:

Name:	VINTECH INDUSTRIES INC
Address:	611 INDUSTRIAL PARK DR
City,State,Zip:	IMLAY CITY, MI 48444
Site Id:	MIK363528044
WMD Id:	444183
Site Specific Name:	VINTECH INDUSTRIES INC
Mailing Address:	611 INDUSTRIAL PARK DR
Mailing City/State/Zip:	48444
Mailing County:	LAPEER

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			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/25/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/25/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
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: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 9

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/22/2022
Next Scheduled EDR Contact: 07/04/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facilities Database

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

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/14/2022
Number of Days to Update: 88

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4035
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
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: 11/08/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 01/28/2022
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9837
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

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

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/14/2021
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: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

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

Date of Government Version: 01/28/2022
Date Data Arrived at EDR: 02/01/2022
Date Made Active in Reports: 04/25/2022
Number of Days to Update: 83
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 04/25/2022
Next Scheduled EDR Contact: 07/25/2022
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: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/25/2022
Number of Days to Update: 84
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Annually

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 12/01/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 75
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 26
Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-4828
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
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

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: 03/16/2022
Next Scheduled EDR Contact: 07/04/2022
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: 01/15/2016
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 04/04/2016
Number of Days to Update: 62
Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-4805
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations
A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 83
Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
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: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/14/2022
Number of Days to Update: 88

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-5719
Last EDR Contact: 03/17/2022
Next Scheduled EDR Contact: 07/04/2022
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: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
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: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 84

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5136
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

PART 201: Part 201 Site List

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

Date of Government Version: 10/01/2013
Date Data Arrived at EDR: 10/03/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 11/23/2021
Date Made Active in Reports: 02/15/2022
Number of Days to Update: 84

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

DEL PART 201: Delisted List of Contaminated Sites

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

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 41

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950a??s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 11/12/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 01/31/2022
Number of Days to Update: 80

Source: Department of Environment, Great Lakes & Energy
Telephone: 517-284-9278
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

Local Land Records

LIENS: Lien List

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

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 03/31/2022
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-7603
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
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: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 84

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
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: 01/31/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 05/03/2022
Number of Days to Update: 88

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-8427
Last EDR Contact: 04/22/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/06/2022
Next Scheduled EDR Contact: 07/04/2022
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: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2022
Next Scheduled EDR Contact: 07/04/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/18/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
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: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
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: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/28/2022
Next Scheduled EDR Contact: 07/11/2022
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: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 07/04/2022
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: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 85

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 5

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-7074
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing
Asbestos

Date of Government Version: 01/31/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 15

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-284-7699
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
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: 04/04/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/18/2022
Number of Days to Update: 13

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

COAL ASH: Coal Ash Disposal Sites
Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy
Telephone: 586-753-3754
Last EDR Contact: 03/23/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 03/31/2022
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4586
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 03/18/2022
Date Data Arrived at EDR: 03/30/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 14

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-6610
Last EDR Contact: 03/18/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Semi-Annually

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing
Financial assurance information for underground storage tank facilities.

Date of Government Version: 12/20/2021
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 76

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 03/23/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

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: 12/15/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 03/14/2022
Number of Days to Update: 87

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 03/17/2022
Next Scheduled EDR Contact: 07/04/2022
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: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

NPDES: List of Active NPDES Permits

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

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/14/2022
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1300
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
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: 01/21/2022
Date Data Arrived at EDR: 01/27/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 89

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1515
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-6562
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
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: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/18/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
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: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER CITY DPW
400 EAST THIRD STREET
IMLAY CITY, MI 48444

TARGET PROPERTY COORDINATES

Latitude (North):	43.02365 - 43ˆ 1’ 25.14’’
Longitude (West):	83.072668 - 83ˆ 4’ 21.60’’
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	331117.7
UTM Y (Meters):	4765310.5
Elevation:	815 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14451134 IMLAY CITY, MI
Version Date:	2019

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

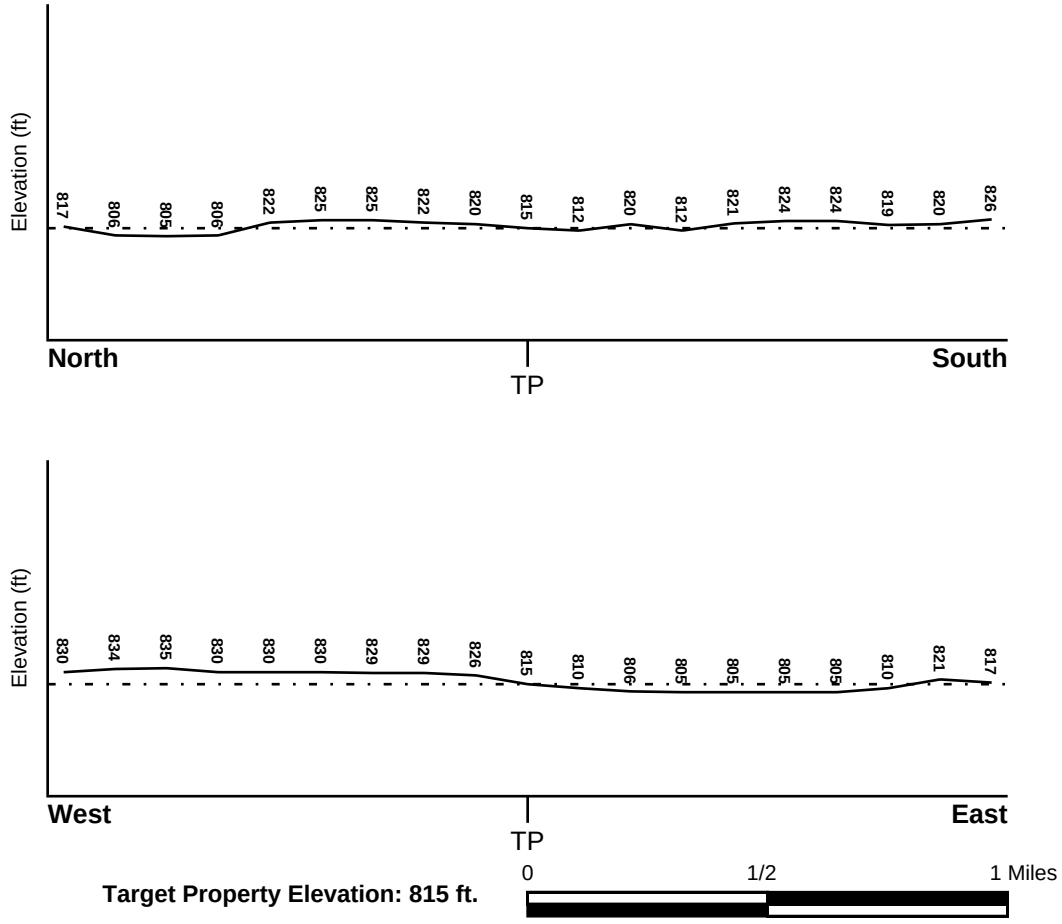
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
26087C0314E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
26087C0325E	FEMA FIRM Flood data
26087C0312E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
IMLAY CITY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

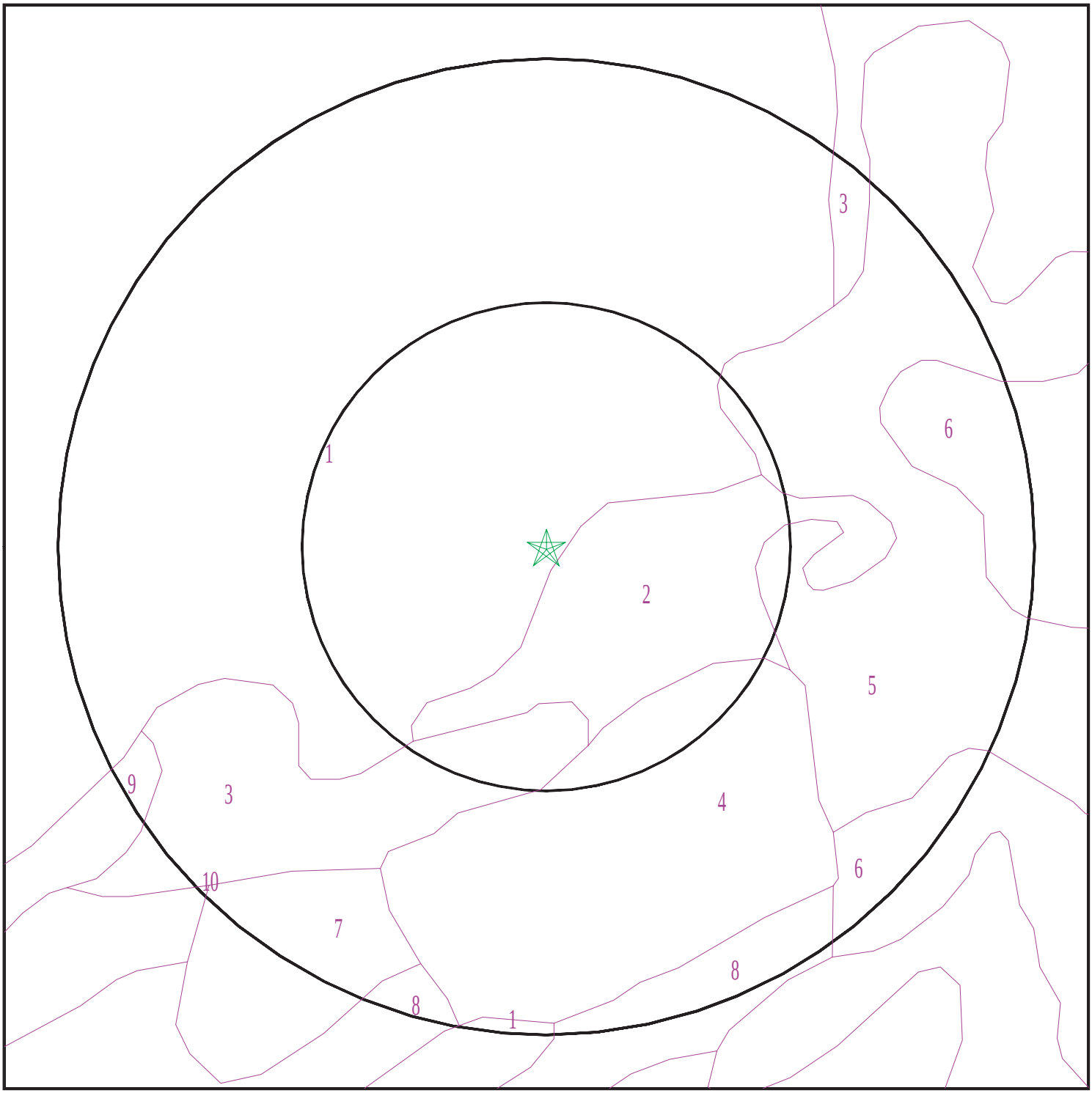
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 6965316.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Former City DPW	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
LAT/LONG:	43.02365 / 83.072668	INQUIRY #:	6965316.2s
		DATE:	May 04, 2022 10:53 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Miami

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	11 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	29 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	35 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Lapeer

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	7 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	35 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Adrian

Soil Surface Texture: muck

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	29 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:
2	29 inches	59 inches	sand	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 4

Soil Component Name: Mcbride

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
2	7 inches	29 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
3	29 inches	55 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1
4	55 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 5.1

Soil Map ID: 5

Soil Component Name: Lupton

Soil Surface Texture: muck

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	muck	A-8	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:
2	9 inches	59 inches	muck	A-8	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:

Soil Map ID: 6

Soil Component Name: Edwards

Soil Surface Texture: marl

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	29 inches	59 inches	marl	Not reported	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:
2	0 inches	29 inches	muck	Not reported	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:

Soil Map ID: 7

Soil Component Name: Fox

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	25 inches	29 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	29 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
4	11 inches	25 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 8

Soil Component Name: Conover

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	11 inches	27 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	27 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 9

Soil Component Name: Conover

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	11 inches	27 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	27 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 10

Soil Component Name: Celina

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: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 130 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	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: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 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: 6.6
3	11 inches	24 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: 6.6
4	24 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: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MI0003104	1/4 - 1/2 Mile WNW

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

STATE DATABASE WELL INFORMATION

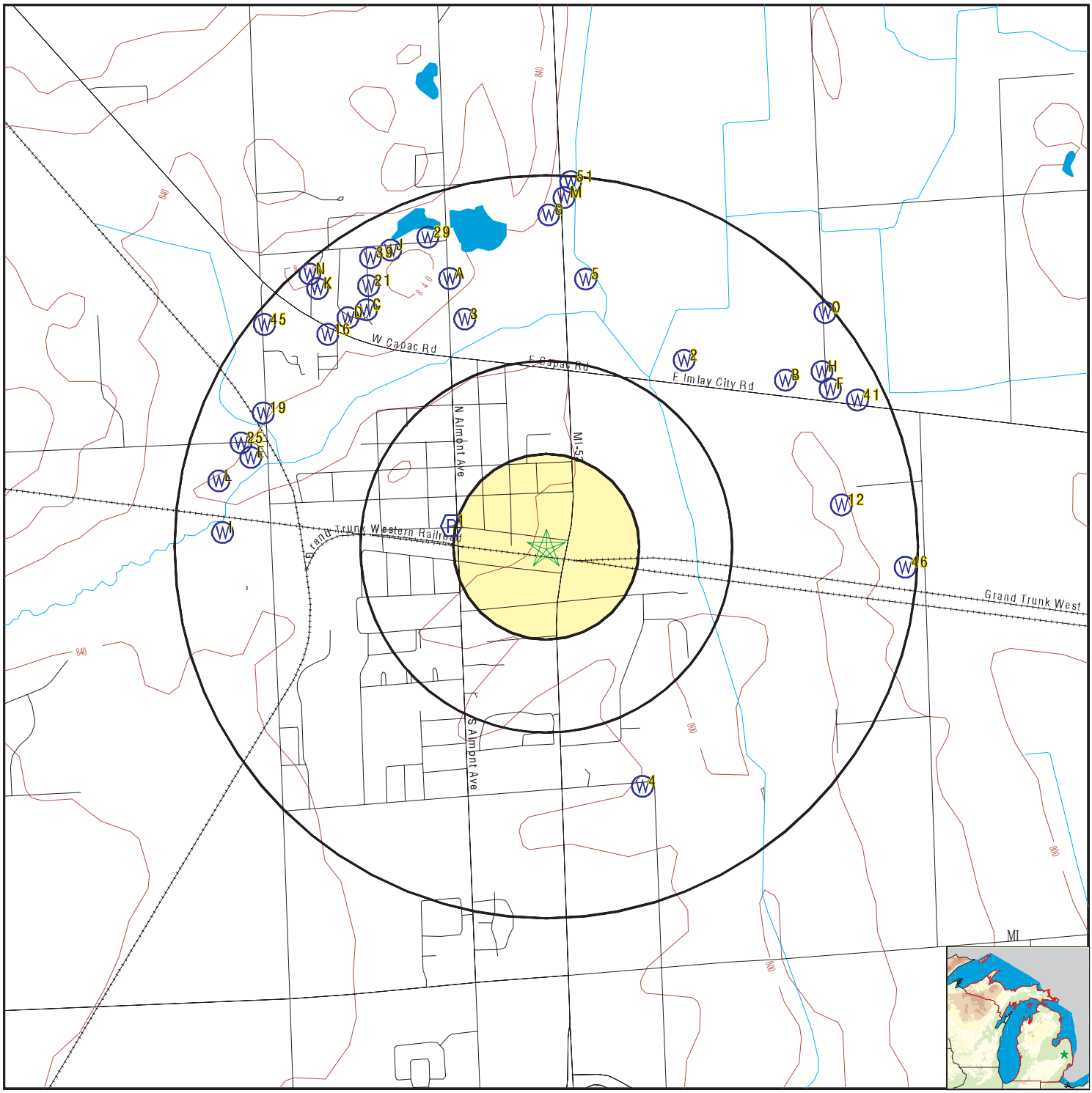
MAP ID	WELL ID	LOCATION FROM TP
2	MI5000000034640	1/2 - 1 Mile NE
3	MI5000000030755	1/2 - 1 Mile NNW
4	MI5000000035910	1/2 - 1 Mile SSE
5	MI5000000033117	1/2 - 1 Mile North
A6	MI5000000038276	1/2 - 1 Mile NNW
A7	MI5000000034032	1/2 - 1 Mile NNW
B8	MI5000000031618	1/2 - 1 Mile NE
C9	MI5000000034880	1/2 - 1 Mile NW
A10	MI5000000030062	1/2 - 1 Mile NNW
B11	MI5000000033558	1/2 - 1 Mile NE
12	MI5000000037086	1/2 - 1 Mile East
C13	MI5000000034578	1/2 - 1 Mile NW
D14	MI5000000032669	1/2 - 1 Mile NW
E15	MI5000000028995	1/2 - 1 Mile WNW
16	MI5000000035597	1/2 - 1 Mile NW
C17	MI5000000032460	1/2 - 1 Mile NW
D18	MI5000000033816	1/2 - 1 Mile NW
19	MI5000000031298	1/2 - 1 Mile WNW
E20	MI5000000032830	1/2 - 1 Mile WNW
21	MI5000000033453	1/2 - 1 Mile NW
F22	MI5000000035551	1/2 - 1 Mile ENE
G23	MI5000000033565	1/2 - 1 Mile North
H24	MI5000000035461	1/2 - 1 Mile ENE
25	MI5000000036309	1/2 - 1 Mile WNW
I26	MI5000000034630	1/2 - 1 Mile West
I27	MI5000000034631	1/2 - 1 Mile West
J28	MI5000000036302	1/2 - 1 Mile NNW
29	MI5000000030958	1/2 - 1 Mile NNW
H30	MI5000000034160	1/2 - 1 Mile ENE
K31	MI5000000033823	1/2 - 1 Mile NW
L32	MI5000000034940	1/2 - 1 Mile WNW
L33	MI5000000034933	1/2 - 1 Mile WNW
F34	MI5000000037368	1/2 - 1 Mile ENE
J35	MI5000000037533	1/2 - 1 Mile NNW
G36	MI5000000038263	1/2 - 1 Mile North
J37	MI5000000031655	1/2 - 1 Mile NNW
M38	MI5000000038272	1/2 - 1 Mile North
39	MI5000000030182	1/2 - 1 Mile NNW
G40	MI5000000032179	1/2 - 1 Mile North
41	MI5000000038738	1/2 - 1 Mile ENE
K42	MI5000000029615	1/2 - 1 Mile NW
K43	MI5000000037436	1/2 - 1 Mile NW
K44	MI5000000037836	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
45	MI5000000029473	1/2 - 1 Mile NW
46	MI5000000036847	1/2 - 1 Mile East
N47	MI5000000036491	1/2 - 1 Mile NW
M48	MI5000000038895	1/2 - 1 Mile North
N49	MI5000000030843	1/2 - 1 Mile NW
O50	MI5000000034194	1/2 - 1 Mile NE
51	MI5000000031876	1/2 - 1 Mile North
O52	MI5000000030659	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 6965316.2s



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

0 1/4 1/2 1 Miles

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

SITE NAME:	Former City DPW	CLIENT:	ECT
ADDRESS:	400 East Third Street Imlay City MI 48444	CONTACT:	Maura Gibbons
		INQUIRY #:	6965316.2s
LAT/LONG:	43.02365 / 83.072668	DATE:	May 04, 2022 10:53 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
WNW
1/4 - 1/2 Mile
Higher

FRDS PWS **MI0003104**

Epa region:	05	State:	MI
Pwsid:	MI0003104	Pwsname:	HEATHER HIGHLANDS
Cityserved:	Not Reported	Stateserved:	MI
Zipserved:	Not Reported	Fipscounty:	26067
Status:	Closed	Retpopsrvd:	50
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	unknown
Contact:	HEATHER HIGHLANDS	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	Not Reported
Contactaddress2:	P.O. BOX 262	Contactcity:	PORTLAND
Contactstate:	MI	Contactzip:	48875
Pwsactivitycode:	I		
PWS ID:	MI0003104	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MI0003104
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000050
System name:	HEATHER HIGHLANDS	System address:	Not Reported
System address:	P.O. BOX 262	System city:	PORTLAND
System state:	MI	System zip:	48875
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	430128	Longitude:	0830440

2
NE
1/2 - 1 Mile
Lower

MI WELLS **MI5000000034640**

Well ID:	44000006239	Permit #:	W06120
Owner:	TOM BROOD	Well Depth (ft):	60
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1083	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050526
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	60
Screen Start Depth (ft):	52	Screen End Depth (ft):	60
Static Water Level (ft):	19	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	2
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

3
NNW
1/2 - 1 Mile
Lower

MI WELLS **MI5000000030755**

Well ID:	44000002034	Permit #:	W01627
Owner:	JIM PERRY	Well Depth (ft):	130
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2047	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20010525
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	102
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	0	Flowing:	N
Test Drawdown Depth:	20	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	100		

4
SSE
1/2 - 1 Mile
Higher

MI WELLS **MI5000000035910**

Well ID:	44000007638	Permit #:	W08875
Owner:	JOANNE STEWART	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20090826
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	117
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	3
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	113		

5
North
1/2 - 1 Mile
Lower

MI WELLS **MI5000000033117**

Well ID:	44000004579	Permit #:	W05178
Owner:	FORD PLUMBING	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2047	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040216

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	62
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	50	Test Hours:	3
Test Water Flow Rate:	10	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	40		

A6
NNW **MI WELLS** **MI5000000038276**
1/2 - 1 Mile
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 #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20190808
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	88
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	140	Test Hours:	2
Test Water Flow Rate:	18	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	66		

A7
NNW **MI WELLS** **MI5000000034032**
1/2 - 1 Mile
Higher

Well ID:	44000005550	Permit #:	W05809
Owner:	WAYNE TOBY	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20041231
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	140
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth:	140	Test Hours:	2
Test Water Flow Rate:	18	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	40		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
NE
1/2 - 1 Mile
Higher

MI WELLS **MI5000000031618**

Well ID:	44000002946	Permit #:	Not Reported
Owner:	Imlay City Christian School		
Well Depth (ft):	1	Well Type:	Type II Public
Other Type Info:	Not Reported	Well Status:	Active
Other Status Info:	Not Reported	Water Supply Serial #:	2037744
Well #:	001	Driller ID:	Not Reported
Drill Method:	Unknown	Other Method Info:	Not Reported
Construction Date:	00000000	Casing Type:	Steel-Unknown
Other Casing Info:	Not Reported	Casing Diameter (in):	4
Casing Depth (ft):	0	Screen Start Depth (ft):	0
Screen End Depth (ft):	0	Static Water Level (ft):	0
Flowing:	N	Test Drawdown Depth:	0
Test Hours:	0	Test Water Flow Rate:	0
Test Method:	UNK	Well Grouted:	N
Pump Capacity (gpm):	0	Elevation (ft):	787
Specific Capacity:	0	Rock Top (ft):	0

C9
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000034880**

Well ID:	44000006552	Permit #:	W07736
Owner:	Timothy Edwards	Well Depth (ft):	170
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20060725
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	75
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	27	Flowing:	N
Test Drawdown Depth:	160	Test Hours:	2
Test Water Flow Rate:	14	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	802	Specific Capacity:	0
Rock Top (ft):	67		

A10
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000030062**

Well ID:	44000001330	Permit #:	03472
Owner:	Jeff Morgan	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20020612

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	98
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	2
Test Water Flow Rate:	22	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	80		

B11
NE
1/2 - 1 Mile
Higher

MI WELLS **MI5000000033558**

Well ID:	44000005046	Permit #:	W05777
Owner:	WILMA GRAY	Well Depth (ft):	36
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040605
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	36
Screen Start Depth (ft):	32	Screen End Depth (ft):	36
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	36	Test Hours:	2
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

12
East
1/2 - 1 Mile
Higher

MI WELLS **MI5000000037086**

Well ID:	44000008899	Permit #:	10089
Owner:	Jose Vargas	Well Depth (ft):	66
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	50-2337	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20140902
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	62
Screen Start Depth (ft):	62	Screen End Depth (ft):	66
Static Water Level (ft):	26	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C13
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000034578**

Well ID:	44000006161	Permit #:	W05508
Owner:	JUSTIN TOBY	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20041217
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	180
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	180	Test Hours:	2
Test Water Flow Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	823	Specific Capacity:	0
Rock Top (ft):	50		

D14
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000032669**

Well ID:	44000004088	Permit #:	W-03490
Owner:	MESA BUILDERS,LLC.	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20031119
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	60
Screen Start Depth (ft):	50	Screen End Depth (ft):	60
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	50		

E15
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000028995**

Well ID:	44000000082	Permit #:	Not Reported
Owner:	CITY OF IMLAY CITY	Well Depth (ft):	69
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	IMLAY CITY STANDBY WELL #2
Driller ID:	Not Reported	Drill Method:	Other
Other Method Info:	Drilling Method unknown	Construction Date:	19420211

Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	10	Casing Depth (ft):	37
Screen Start Depth (ft):	33	Screen End Depth (ft):	39
Static Water Level (ft):	0	Flowing:	Y
Test Drawdown Depth:	30	Test Hours:	0
Test Water Flow Rate:	350	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	220
Elevation (ft):	810	Specific Capacity:	0
Rock Top (ft):	0		

16
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000035597**

Well ID:	44000007314	Permit #:	W08565
Owner:	George Guttler	Well Depth (ft):	75
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20080724
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	71
Screen Start Depth (ft):	71	Screen End Depth (ft):	75
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	2
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	830	Specific Capacity:	0
Rock Top (ft):	0		

C17
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000032460**

Well ID:	44000003871	Permit #:	W03724
Owner:	WHITE TAIL HOMES	Well Depth (ft):	161
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20030616
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	73
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	3
Test Water Flow Rate:	10	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	70		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D18
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000033816**

Well ID:	44000005318	Permit #:	W03490
Owner:	MESA BLDRS	Well Depth (ft):	167
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040714
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	167
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	18	Flowing:	N
Test Drawdown Depth:	167	Test Hours:	2
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	827	Specific Capacity:	0
Rock Top (ft):	50		

19
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000031298**

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:	20020218
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	74
Screen Start Depth (ft):	70	Screen End Depth (ft):	74
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	1
Test Water Flow Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

E20
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000032830**

Well ID:	44000004266	Permit #:	W02258
Owner:	RONALD ROSS	Well Depth (ft):	130
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2047	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040109

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	80
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	1
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	820	Specific Capacity:	0
Rock Top (ft):	60		

21
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000033453**

Well ID:	44000004939	Permit #:	W-06127
Owner:	William McMurray	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040924
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	77
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	50	Flowing:	N
Test Drawdown Depth:	120	Test Hours:	3
Test Water Flow Rate:	38	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	814	Specific Capacity:	0
Rock Top (ft):	62		

F22
ENE
1/2 - 1 Mile
Higher

MI WELLS **MI5000000035551**

Well ID:	44000007261	Permit #:	NC08-007
Owner:	Family Of Christ Church	Well Depth (ft):	51
Well Type:	Type II Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	2038844	Well #:	001
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20080611
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	51
Screen Start Depth (ft):	40	Screen End Depth (ft):	51
Static Water Level (ft):	12	Flowing:	N
Test Drawdown Depth:	40	Test Hours:	2
Test Water Flow Rate:	75	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	25
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G23
North
1/2 - 1 Mile
Lower

MI WELLS **MI5000000033565**

Well ID:	44000005053	Permit #:	W05476
Owner:	CHRISTOPHER SICH	Well Depth (ft):	100
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	63-1689	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040826
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	68.5
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	22	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	1
Test Water Flow Rate:	100	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	54		

H24
ENE
1/2 - 1 Mile
Higher

MI WELLS **MI5000000035461**

Well ID:	44000007161	Permit #:	W08383
Owner:	JOHN RODRIGUEZ	Well Depth (ft):	60
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20071205
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	52
Screen Start Depth (ft):	52	Screen End Depth (ft):	60
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	50	Test Hours:	3
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

25
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000036309**

Well ID:	44000008067	Permit #:	W09337
Owner:	Andrew Pawlaczyk	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20110610

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	96
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	2
Test Water Flow Rate:	50	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	858	Specific Capacity:	0
Rock Top (ft):	82		

I26
West
1/2 - 1 Mile
Higher

MI WELLS **MI5000000034630**

Well ID:	44000006228	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	88
Well Type:	Test Well	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	TW-04C
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20040716
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	6	Casing Depth (ft):	42
Screen Start Depth (ft):	42	Screen End Depth (ft):	52
Static Water Level (ft):	3.68	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	817.529999999999973	Specific Capacity:	0
Rock Top (ft):	0		

I27
West
1/2 - 1 Mile
Higher

MI WELLS **MI5000000034631**

Well ID:	44000006229	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	54
Well Type:	Test Well	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	TW-05A
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20051214
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	4	Casing Depth (ft):	46
Screen Start Depth (ft):	47	Screen End Depth (ft):	52
Static Water Level (ft):	2.88	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	817.809999999999945	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J28
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000036302**

Well ID:	44000008058	Permit #:	W-09318
Owner:	Jesus Robles	Well Depth (ft):	190
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20110523
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	100
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth:	100	Test Hours:	2
Test Water Flow Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	87		

29
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000030958**

Well ID:	44000002240	Permit #:	W97-297
Owner:	SUSAN HORST	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2029	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20010320
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	120
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	110		

H30
ENE
1/2 - 1 Mile
Lower

MI WELLS **MI5000000034160**

Well ID:	44000005694	Permit #:	W06964
Owner:	Jeffrey Rosso	Well Depth (ft):	51
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050815

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	47
Screen Start Depth (ft):	47	Screen End Depth (ft):	51
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	45	Test Hours:	2
Test Water Flow Rate:	27	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

K31
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000033823**

Well ID:	44000005325	Permit #:	W05723
Owner:	STEVE & SHERYL UPLEGER	Well Depth (ft):	170
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	20041018
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	170
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth:	170	Test Hours:	2
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	836	Specific Capacity:	0
Rock Top (ft):	60		

L32
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000034940**

Well ID:	44000006617	Permit #:	Not Reported
Owner:	City of Imlay City	Well Depth (ft):	55
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	PW-3
Driller ID:	34-2097	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20060711
Casing Type:	Steel-black	Other Casing Info:	Not Reported
Casing Diameter (in):	8	Casing Depth (ft):	45
Screen Start Depth (ft):	45	Screen End Depth (ft):	55
Static Water Level (ft):	4.5	Flowing:	N
Test Drawdown Depth:	33.72	Test Hours:	8
Test Water Flow Rate:	332	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	817.799999999999955	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L33
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000034933**

Well ID:	44000006610	Permit #:	Not Reported
Owner:	Not Reported	Well Depth (ft):	55
Well Type:	Type I Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	3340	Well #:	SPW-3
Driller ID:	Not Reported	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20060711
Casing Type:	Steel-Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	8	Casing Depth (ft):	45
Screen Start Depth (ft):	45	Screen End Depth (ft):	55
Static Water Level (ft):	4.5	Flowing:	N
Test Drawdown Depth:	33.72	Test Hours:	8
Test Water Flow Rate:	11	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

F34
ENE
1/2 - 1 Mile
Lower

MI WELLS **MI5000000037368**

Well ID:	44000009209	Permit #:	W10731
Owner:	David Manick	Well Depth (ft):	52
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20160108
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	47
Screen Start Depth (ft):	47	Screen End Depth (ft):	51
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	46	Test Hours:	2
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	246	Specific Capacity:	0
Rock Top (ft):	0		

J35
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000037533**

Well ID:	44000009387	Permit #:	W10943
Owner:	Scot Riester	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20160801

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	100
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	40	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	2
Test Water Flow Rate:	20	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	95		

G36
North
1/2 - 1 Mile
Lower

MI WELLS **MI5000000038263**

Well ID:	44000010179	Permit #:	PW08636
Owner:	Robley Investments	Well Depth (ft):	160
Well Type:	Type III Public	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20190726
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	102
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	2
Test Water Flow Rate:	37	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	47		

J37
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000031655**

Well ID:	44000002983	Permit #:	W03800
Owner:	DAN GODO	Well Depth (ft):	181
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20020910
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	98
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	3
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	90		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M38
North
1/2 - 1 Mile
Lower

MI WELLS **MI5000000038272**

Well ID:	44000010191	Permit #:	12130
Owner:	LUIS BECERRA	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20190828
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	69
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	3
Test Water Flow Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	56		

39
NNW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000030182**

Well ID:	44000001453	Permit #:	W01312
Owner:	MESA Builders	Well Depth (ft):	161
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20020221
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	73
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	3
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	65		

G40
North
1/2 - 1 Mile
Higher

MI WELLS **MI5000000032179**

Well ID:	44000003542	Permit #:	03993
Owner:	DENNIS DAY	Well Depth (ft):	120
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20021106

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	71
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	35	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	2
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	68		

41
ENE **MI WELLS** **MI5000000038738**
1/2 - 1 Mile
Lower

Well ID:	44000010698	Permit #:	12540
Owner:	FIDEL BARRIGAN	Well Depth (ft):	88
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	50-2268	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20201002
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	68
Screen Start Depth (ft):	68	Screen End Depth (ft):	88
Static Water Level (ft):	9	Flowing:	N
Test Drawdown Depth:	70	Test Hours:	2
Test Water Flow Rate:	50	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	20
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

K42
NW **MI WELLS** **MI5000000029615**
1/2 - 1 Mile
Higher

Well ID:	44000000848	Permit #:	W00-2678
Owner:	YSEDRO AND PEGGY MEDRANO	Well Depth (ft):	220
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	63-1689	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20000719
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	100.5
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	52	Flowing:	N
Test Drawdown Depth:	220	Test Hours:	1
Test Water Flow Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	80		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K43
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000037436**

Well ID:	44000009284	Permit #:	W10851
Owner:	Beverly Vankuren	Well Depth (ft):	180
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20160518
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	70
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	2
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	257	Specific Capacity:	0
Rock Top (ft):	58		

K44
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000037836**

Well ID:	44000009705	Permit #:	W05851
Owner:	Teresa Wood	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20170815
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	98
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	30	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	2
Test Water Flow Rate:	30	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	80		

45
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000029473**

Well ID:	44000000705	Permit #:	W99-2384
Owner:	DONALD MAISON	Well Depth (ft):	140
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20000410

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	90
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	25	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	1
Test Water Flow Rate:	35	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	78		

46
East
1/2 - 1 Mile
Higher

MI WELLS **MI5000000036847**

Well ID:	44000008637	Permit #:	W09275
Owner:	Gabriel Munguia	Well Depth (ft):	89
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	50-2337	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20130930
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	85
Screen Start Depth (ft):	85	Screen End Depth (ft):	89
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	1
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

N47
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000036491**

Well ID:	44000008264	Permit #:	W09558
Owner:	Michael Murphy	Well Depth (ft):	56
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1800	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20120404
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	51
Screen Start Depth (ft):	51	Screen End Depth (ft):	56
Static Water Level (ft):	20	Flowing:	N
Test Drawdown Depth:	47	Test Hours:	2
Test Water Flow Rate:	15	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	850	Specific Capacity:	0
Rock Top (ft):	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M48
North
1/2 - 1 Mile
Lower

MI WELLS **MI5000000038895**

Well ID:	44000010874	Permit #:	12881
Owner:	PAT SMITH	Well Depth (ft):	160
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20210609
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	60
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	10	Flowing:	N
Test Drawdown Depth:	50	Test Hours:	3
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	40
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	45		

N49
NW
1/2 - 1 Mile
Higher

MI WELLS **MI5000000030843**

Well ID:	44000002122	Permit #:	W01565
Owner:	CHESTER CRIMM	Well Depth (ft):	162
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20010503
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	162
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	1
Test Water Flow Rate:	80	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	64		

O50
NE
1/2 - 1 Mile
Lower

MI WELLS **MI5000000034194**

Well ID:	44000005731	Permit #:	011-016-028-15
Owner:	E & H CONSTRUCTION	Well Depth (ft):	60
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1902	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20050903

Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	52
Screen Start Depth (ft):	52	Screen End Depth (ft):	60
Static Water Level (ft):	15	Flowing:	N
Test Drawdown Depth:	60	Test Hours:	3
Test Water Flow Rate:	60	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	12
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

51
North
1/2 - 1 Mile
Lower

MI WELLS **MI5000000031876**

Well ID:	44000003221	Permit #:	W03427
Owner:	GEORGE TURNER TRUST	Well Depth (ft):	80
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-1939	Drill Method:	Unknown
Other Method Info:	Not Reported	Construction Date:	20020702
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	80
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	12	Flowing:	N
Test Drawdown Depth:	80	Test Hours:	2
Test Water Flow Rate:	40	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	38		

O52
NE
1/2 - 1 Mile
Lower

MI WELLS **MI5000000030659**

Well ID:	44000001937	Permit #:	W-99-1971
Owner:	GARY BRANDT	Well Depth (ft):	65
Well Type:	Household	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	74-1728	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19990618
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	49
Screen Start Depth (ft):	49	Screen End Depth (ft):	65
Static Water Level (ft):	0	Flowing:	N
Test Drawdown Depth:	64	Test Hours:	3
Test Water Flow Rate:	50	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	18
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48444	2/7/2006	<	0.3
48444	3/20/2004		0.5
48444	2/3/2007	<	0.3
48444	11/17/1999		0.5
48444	5/3/2004	<	0.3
48444	11/9/2002		0.8
48444	1/20/2004		0.7
48444	2/6/2006		0.7
48444	1/10/2004		0.9
48444	2/14/2007		0.7
48444	11/28/2008		0.7
48444	1/28/2008		0.6
48444	5/1/2007		0.7
48444	3/31/2008		0.8
48444	1/29/2007		0.9
48444	2/2/2007		0.9
48444	3/5/2007		0.9
48444	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			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

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	4/16/2005		3.1
48444	4/10/2004		3.1
48444	3/31/2008		3.4
48444	1/8/2004		3.8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LAPEER County: 2

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

Federal Area Radon Information for Zip Code: 48444

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.000 pCi/L	0%	100%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{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

CORRESPONDANCE DOCUMENTATION

Project Number: 220365-0100 Time and Date: 6/17/22 10:00am

ECT Personnel: Ms. Maura Gibbons (during site reconnasiance)

With: Ms. Lorrelei Natke

Of: Director of Imlay City Downtown Development Authority

Subject of Conversation: 400 and 410 East Third Street, Imlay City

Comments:

Ms. Natke explained that the parcel is currently in the process of being split, and Ms. Natke would provide the land survey of the parcel split. The structure is supplied by municipal water and sewer. She was not aware of any basements associated with the structure. The structure has been vacant for several years, possibly even up to 10 years. Last occupant was a sign shop. The structure has two addresses: 400 and 410 East Third due to the eastern building addition (410).

Ms. Natke is aware that extensive historical sampling has been conducted at the Subject Property and the south adjoining DPW structure, but that was the extent of her knowledge.

Appendix I

Local Interview Documentation

Local Government Interview Summary Sheet

400 and 410 E Third St, Imlay City
Lapeer County, Michigan

Agency Name	ECT Personel	Contact Name & Title (if known)	Method of Inquiry	Comments
COUNTY AGENCIES				
Lapeer County Health Department	Lisa Zuber	Edith Baker	Telephone: 810.667.0392	Edith Baker of the Lapeer Co. Health Dept., Environmental Health section, returned ECT's call on 5/31/22 at 1:47 pm. She said the county does not have keep records for municipal properties.
MUNICIPAL/LOCAL AGENCIES				
Imlay City Fire Department	Lisa Zuber	Rick Horton, Fire Chief	Telephone: 810.724.6262 Email: firechief@imlaycity.org	Left voicemail. Fire Chief Horton called on 6/1/2022, 11:26 am. He said since the property is the old DPW garage, we should contact the DPW Supervisor about the existence of any records. The chief has no record of fire dept. responses, but knows, for example, that there was some soil sampling done at the property. He said to contact the Imlay City offices and to let them know that he referred us to the DPW to find out about the records.
Imlay City Offices	Lisa Zuber	Leah, admin. assistant	Telephone: 810.724.2135 Fax: 810.667.0283	6/1/2022 12:35 pm - Upon answering my phone call to the general Imlay City offices number, Leah suggested that I send the records request to her email and she would distribute amongst departments, including zoning/building dept. No records recieved.

Appendix J

Photographic Documentation

Description
FROM NORTHWESTERN CORNER OF SUBJECT PROPERTY LOOKING SOUTHEAST



Description
ENTRANCE TO WESTERN PORTION OF STRUCTURE



Description
INTERIOR ENTRANCE OF WESTERN PORTION OF STRUCTURE



Description
TYPICAL INTERIOR VIEW OF WESTERN PORTION OF STRUCTURE



Description
TYPICAL INTERIOR VIEW OF WESTERN PORTION OF STRUCTURE



Description
CRAWL SPACE OPENING ALONG NORTHERN WALL OF WESTERN PORTION



Description
TYPICAL INTERIOR VIEW OF EASTERN PORTION OF STRUCTURE WITH IMPLEMENT STORAGE



Description
TYPICAL INTERIOR VIEW OF EASTERN PORTION OF STRUCTURE WITH IMPLEMENT STORAGE



Description
VIEW OF TRENCH AND DRAIN WITHIN FORMER GARAGE AREA



Description
STANDING LIQUID WITH SLIGHT SHEEN WITHIN DRAIN



Description
EASTERN EXTERIOR EDGE OF STRUCTURE WITH VIEW OF MONITORING WELLS



Description
VARYING CONDITIONS OF MONITORING WELLS



Description
SOUTHERN EXTERIOR WALL OF EASTERN PORTION OF STRUCTURE



Description
SOUTHERN EXTERIOR WALL OF STRUCTURE



Description
IMPLEMENT STORAGE AND DEBRIS OBSERVED TO THE WEST OF THE STRUCTURE



Description
IMPLEMENT STORAGE AND DEBRIS OBSERVED TO THE WEST OF THE STRUCTURE



Description
IMPLEMENT STORAGE AND DEBRIS OBSERVED TO THE WEST OF THE STRUCTURE



Description
SOUTH ADJOINING DPW STRUCTURE ON PARENT PARECEL



Description
INACTIVE REMEDIAL SYSTEM ON SOUTH ADJOINING PARENT PARCEL



Description
ABRUPT SLOPE ALONG THE EASTERN BOUNDARY



Description
WEST ADJOINING CISTERN FOLLOWED BY FIRE STATION IN DISTANCE



Description
NORTH ADJOINING POLICE STATION ACROSS 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 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

B.S. Environmental Geoscience, Michigan 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

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

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.

Dirk S. Mammen, Esq.



Principal Scientist

Dirk Mammen, Esq., is an accomplished scientist and licensed attorney, having nearly 30 years of experience in the performance, coordination, and management of environmental assessment, environmental due diligence, and compliance projects throughout the United States, ensuring compliance with ASTM standards and AAI rules under CERCLA. Included among these is an environmental asset and risk management review of industrial properties located throughout the United States on behalf of a European based manufacturer. In addition, Mr. Mammen has performed services for several upstream oil and gas clients, specifically pertaining to remediation activity and management, regulatory agency negotiations, compliance reviews, and due diligence assessments. Mr. Mammen currently serves as the Brownfield Redevelopment Authority administrator for Grand Traverse County, Michigan. Mr. Mammen's legal training and research skills positions him well for due diligence evaluations, evidence and document management, and risk management activities, and his expertise has been utilized in the quality assurance/quality control of thousands of Phase I ESAs prepared on behalf of developers, communities, regulatory agencies and industrial clients nation-wide.

EXPERIENCE

ESAs | Various Clients
Coordinated, managed, or performed more than 1,800 ESAs for lending institutions, law firms, private industry, municipal organizations, construction developers, and private interests. Sites include vacant properties, manufacturing and industrial facilities, small to very large commercial buildings, landfill and dump sites, municipal garages, and other UST and hazardous material sites. Sites are located throughout the United States, primarily in the Midwest, upper Midwest, and Rocky Mountain regions.

Large Scale Due Diligence Assessment | Chevron U.S.A., Inc. | Michigan
Designed, coordinated, and implemented a specialized due diligence assessment process in support of a large-scale property and asset transfer, including the potential transfer of more than 60 natural gas production facilities and 1,800 natural gas wells across Michigan. Evaluation activities included site visual inspections, detailed spill history reviews, and extensive environmental database compilation.

Grand Traverse County Brownfield Redevelopment Authority | Michigan
Currently serves as the contract administrator for the brownfield redevelopment authority (BRA), operating as the liaison between the BRA and property development teams, local and state regulatory agencies, local municipalities, and county employees. Provides both technical and financial review of reimbursement and development agreements, brownfield redevelopment workplans, and other tax capture, grant and/or loan opportunities.

Demolition Assessment and Environmental Services | Wayne County Airport Authority | Wayne County, 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 No. 189-2

AREAS OF EXPERTISE

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

Traverse City Place Cyanide Plume Investigation | Grand Traverse County Brownfield Redevelopment Authority | Traverse County, MI
Coordinated, directed, and performed numerous activities associated with a Michigan Department of Environmental Quality (MDEQ)-approved design data acquisition work plan associated with the presence of an area-wide groundwater plume impacted with cyanide, emanating from an historical manufactured gas plant (MGP) property. Activities included the assessment of soil and groundwater conditions, and the management of a core stakeholder group of municipal and private groups, including public outreach responsibilities, and the regulatory review process.

NORM Assessment, Remediation, and Closure Verification | EnerVest Operating, LLC | Chester County, MI
Directed and managed, in response to regulatory agency inspection, the initial assessment of site conditions relative to NORM potential of a natural gas processing facility, with associated gas wells in Chester Township, Michigan. Effort included a site-wide assessment, identification of NORM materials, equipment, and impacted soils, and the removal of impacted wastes. Post remediation verification sampling and closure reporting was conducted.

10 Mile Drain Investigation & Remediation | Macomb County Public Works Office | Macomb County, MI
Completed detailed environmental assessment activity and in-depth historical research investigation to evaluate historical and current sources of polychlorinated biphenyl (PCB) materials impacting the drain system. Performed an investigation of the 10 Mile Drain storm sewer to characterize the nature and extent of PCB contamination. The investigation consisted of soil boring placement and soil sample collection in areas immediately adjacent to the drain system, as well as stormwater and sediment monitoring within the sewer, a corridor survey (aerial photograph, interviews of local residents and historic land use review) to determine the potential source of the contamination, and an inspection of the sewer condition using closed circuit televising.

Environmental Services | Wayne County Airport Authority | Wayne County, MI
Performed, coordinated, and/or managed numerous environmental assessment or environmental compliance projects at both Detroit Metro Airport and Willow Run Airport, including UST removal, spill response, assessment or compliance evaluations and miscellaneous drum identification and removal actions. Performed remediation activity associated with surface fuel spills and subsurface release during new terminal construction activity resulting from historical hydrant fuel system.

Bulk Oil Terminal Release and Site Reconstruction | Knight Enterprises/Delta Fuels
Managed all environmental assessment, remediation, and compliance issues resulting from a 100,000-gallon gasoline overfill event, impacting both an on- and offsite area in Toledo, Ohio. Site involved federal and state regulatory action. The secondary containment system was replaced with approximately 3,000 linear feet of high-density polyethylene liner. Managed and designed the construction and permitting for an onsite water treatment and remediation system. Provided regulatory compliance assistance, including the preparation and implementation of treatment, storage, and disposal facility closure plan; spill prevention, control, and countermeasure plan; and facility response plan.

Due Diligence Manager | ITC (International Transmission) | Midwest
Managed and completed all land acquisition projects related to electric utility expansion throughout the Midwest (Michigan, Iowa, Kansas, and Minnesota), including Phase I/II ESAs, baseline environmental assessments, and Transaction Screen Plans on a variety of sites, both active electrical utility sites and undeveloped acreage. Included corridor study assessment activity, detailed title work review, and significant area-wide impact investigations.

Brownfield Redevelopment Authority | Various Michigan Counties | Michigan
Performed site investigations, due diligence services, due care analyses, and other assessment services for numerous municipal brownfield redevelopment authorities throughout the lower and upper peninsulas of Michigan. Sites included manufacturing facilities, an abandoned paper production site, a power plant property, and landfill property. Facilitated MDEQ-negotiated no further action under the due care process.

Transformer Release and Remediation | Federal Aviation Authority | Detroit, MI
Responded to the release of transformer oil to the ground surface and subsurface as a result of vandalism at Detroit Metro Airport. Provided site assessment, soil and water remediation, and risk assessment activities. Coordinated the assessment, removal, and appropriate disposal of the electrical equipment and completed PCB risk evaluation. Presented closure documentation to the local, state, and federal regulatory agencies involved with the project.

MGP Site Assessment and Risk Evaluation | Michigan Consolidated Gas Company | Michigan
Performed site investigations, exposure evaluations, and risk assessments at former MGPs as part of a complex effort to implement a plan for the investigation of 23 sites located throughout Michigan. The plan is designed to meet the company's obligations under Michigan's requirements to

diligently pursue response activities. Conducted records searches and other information gathering; prepared site summary reports; prioritized all 23 for further investigation; provided oversight of a Geoprobe investigation at 9 of the 23 sites; and formulated a plan, including a budget and schedule, for response activities at all 23 sites.

Large-Scale Area Wide Phase I ESAs | Various Clients | Detroit, MI
Completed six large-scale area wide Phase I ESAs on specific residential housing redevelopment areas in Detroit, Michigan. Each area wide assessment involved the potential acquisition of 80 to 230 vacated residential lots within certain redevelopment neighborhoods. The area wide assessment approach involved the historical and regulatory evaluation of all properties within a specific grid or block area, followed by an individual assessment of each acquisition parcel in relation to the environmental conditions of the area. A review of all available historical documentation was performed, including Sanborn fire insurance maps, historical aerial photographs, street index directories, Federal Emergency Management Agency flood zone maps, zoning documentation, building, assessment, and fire department records, and specific title documentation. Assisted with parcel identification and quality of title issues, with all parcels having been or slated to be reverted to City of Detroit ownership. Compiled comprehensive assessment reports for each assessment area, including detailed maps and parcel summaries. Prepared all applicable Michigan State Housing Development Authority (MSHDA) applications and environmental documentation for submittal. The projects were completed on time to conform to MSHDA deadlines and within budget.

Phase II ESA Activity | Various Clients | Midwest
Coordinated, managed, or performed more than 600 Phase II ESAs onsite throughout the Midwest, including industrial and commercial properties, residential properties, and rails-to-trails corridors. Sites ranged in size from very small lots to large acreage developments. Chemical impacts evaluated include petroleum products, solvents and various dense non-aqueous phase liquid, PCBs, and various metals. Completed baseline environmental assessments on numerous Michigan sites.

Site Characterization and Investigation | Remedial Investigation/Feasibility Study (RI/FS) | Property Developer
Managed and performed site investigation, RI/FS, and remedial design activities on a former solvent recycling and treatment, storage and disposal RCRA facility. Soil and groundwater impacts evaluated, with on- and offsite risk assessment.

Site Characterization and Investigation | Remediation and Site Closure | Ryder Truck Rental, Inc. | Midwest
Managed or performed all phases of site investigation activities for petroleum-related contamination at numerous Midwest locations. Activities included feasibility analysis, and remedial design and implementation primarily pertaining to onsite and offsite low temperature thermal desorption and groundwater treatment.

Landfill Condition and Design Assessment | Allstate Insurance Company | Weld County, CO
Performed a landfill inspection in Weld County, Colorado, regarding condition, operations, and management and future cell design review for new bond issue considerations and liability limitations.

Site Assessment and Property Transfer Management | Detroit, MI
Performed all phases of site assessment activities on site in Detroit, Michigan, with numerous historical industrial uses to facilitate plant demolition, remediation, and redevelopment. Strong legal and financial influence and regulatory agency involvement, including covenant-not-to-sue negotiations and property risk management settlements.

Site Investigation, Remedial Design, and Risk Management | Bulk Oil Storage Facility | Michigan
Performed site assessment activities of a large bulk oil storage terminal in Michigan with significant legal and financial institution involvement. Provided remedial design alternatives, with an emphasis on in situ bioremediation enhanced groundwater and soil treatment using a variety of horizontal boring techniques and reapplication of the bioenhanced medium.

ESA, Front Range Airport Development | Colorado
Performed an ESA on more than 4,000 acres of land for future development in eastern Colorado. Assessment included site investigation, historical review, regulatory review, and recommendations.

Surface Water and River Sediment Investigation-Detroit River | City of Gibraltar, MI
Performed all phases of field and reporting investigation for a section of river reportedly impacted by numerous chemical contaminants from nearby and upstream industries. Investigation included sample location plan, sediment and water collection and analysis, data interpretation, and environmental impact and assessment recommendations.

Hydrocarbon Remediation Investigation | Kubat Equipment and Service Company | Jefferson County, CO
Performed functions related to UST removal, closure soil sampling, contaminant assessment and reporting, monitoring well placement, hydrogeologic investigation, and remedial

action design and implementation for large county UST facility in Jefferson County, Colorado.

Soil and Groundwater Conditions, Risk Management | City of Royal Oak, MI
Provided expert testimony relating to subsurface petroleum and solvent contamination impacts on neighboring properties, allegedly resulting from several potential offsite and former onsite sources.

Groundwater Conditions | D & T Construction Company
Provided expert testimony and consulting regarding alleged groundwater mounding and depletion impacts during construction activities, specifically related to the diminished capability of nearby drinking water wells.

Landfill Construction at Various Disposal Sites | Michigan and northern Ohio
Provided onsite quality control activities during the construction of landfill liners and berms on numerous disposal facilities throughout southeast Michigan and northern Ohio.

Site Investigations and Regulatory Compliance Assessments | Marigold Foods/Kemps Ice Cream | Wisconsin
Performed numerous site investigations and regulatory compliance assessments of dairy product storage and production facilities in Wisconsin, with particular emphasis on corporate operations transfer, worker safety issues, and 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.