



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Vacant Genesee County Parcel 58-30-300-012
Northeast Corner of Bristol Road and Canterbury Trail
Swartz Creek, Michigan**

June 2, 2023
Project # 23-10124A-715

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TABLE OF CONTENTS

1.	Executive Summary	1
2.	Introduction: Site Description and Assessment Overview	4
2.1	Subject Property Location and Description.....	4
2.2	Purpose of Phase I Environmental Site Assessment	4
2.3	Scope of Services	6
2.4	Significant Assumptions.....	8
2.5	Limitations and Exceptions	9
2.6	Terms and Conditions.....	10
2.7	Reliance	11
2.8	Deviations and Additions	12
3.	User-Provided Information.....	13
3.1	Title Records	13
3.2	Environmental Liens or Activity and Use Limitations.....	13
3.3	Specialized Knowledge	13
3.4	Commonly Known or Reasonably Ascertainable Information	13
3.5	Owner, Key Site Manager, and Occupant Information	13
3.6	Value Reduction Due to Environmental Concerns.....	13
3.7	Reasons for Performing Phase I ESA.....	13
3.8	Other User Information	14
4.	Site Reconnaissance	15
4.1	Methodology and Conditions	15
4.2	General Site Settings	15
4.2.1	Current Use of the Subject Property.....	15
4.2.2	Past Use of the Subject Property	15
4.2.3	Current Uses of Sites in the Surrounding Area	15
4.2.4	Past Uses of Sites in the Surrounding Area.....	15
4.2.5	Structures, Roads, or Other Improvements on the Subject Property	16
4.3	Exterior Observations.....	16
4.3.1	Exterior Observations of the Subject Property	16
4.3.2	Exterior Observations of Surrounding Area.....	18
4.4	Interior Observations	19
4.5	Non-Scope Observations	19
5.	Records Review	20
5.1	Local Government and Utility Records.....	20
5.2	Physical Setting Sources.....	21
5.2.1	Topography	21
5.2.2	Hydrology / Hydrogeology.....	21
5.2.3	Geology	22
5.3	Historical Sources and Uses	23
5.3.1	Historical Aerial Photographs	23

TABLE OF CONTENTS

5.3.2	Historical Topographic Maps	25
5.3.3	Historical Address Directories	25
5.3.4	Historical Fire Insurance Maps	25
5.3.5	Historical Environmental Reports	26
5.3.6	Additional Historical Records	26
5.3.7	Summary of Historical Uses of the Subject Property.....	26
5.3.8	Summary of Historical Uses of the Surrounding Area.....	27
5.4	Standard Federal, State and Tribal Environmental Records Sources	27
5.4.1	Database Listings for the Subject Property	28
5.4.2	Database Listings for the Surrounding Area	28
5.4.3	Vapor Encroachment Screen	29
6.	Interviews.....	30
6.1	Interview with Owner.....	30
6.2	Interview with Key Site Manager.....	30
6.3	Interviews with Occupants	30
6.4	Interviews with State and/or Local Government Officials	30
6.5	Interviews with Others	31
7.	Evaluation.....	32
7.1	Environmental Conditions and Designation Definitions	32
7.2	Data Gaps and Deletions	33
7.3	Findings and Opinions.....	33
7.3.1	Subject Property	33
7.3.2	Surrounding Sites	34
7.4	Conclusions	34
7.5	Opinions	34
7.6	Recommendations	34
8.	Non-Scope Services	36
8.1	Business Environmental Risk Assessment	36
8.1.1	Asbestos Containing Materials.....	36
8.1.2	Lead-Based Paint Hazards.....	37
8.1.3	Microbial Growth and Moisture Intrusion	37
8.1.4	Wetlands.....	37
8.1.5	Potential Environmental Non-Compliance Issues.....	37
8.1.6	Environmental Liens	37
8.1.7	Radon.....	38
9.	References and Resources	39
10.	Signatures and Qualifications.....	41

TABLE OF CONTENTS

Appendix A	Figures
Appendix B	Records
Aerial Photographs and Maps	
Local Government and Utility Records	
Historical Address Directory Report	
Environmental Regulatory Records	
Appendix C	Photographs
Appendix D	Resumes of Environmental Professionals
Attachment	Transaction Screen Environmental Site Assessment, FSE Inc., 04/14/1999

Acronyms and Abbreviations

Æ	Applied EcoSystems, Inc.
ASTM International (ASTM)	
AAI	All Appropriate Inquiry
BER	Business Environmental Risk
CREC	Controlled Recognized Environmental Condition
DMC	De Minimis Condition(s)
ESA	Environmental Site Assessment
HREC	Historical Recognized Environmental Condition
PEC	Potential Environmental Concern
REC	Recognized Environmental Condition
SDG	Significant Data Gap
VEC	Vapor Encroachment Condition
Buildings, Structures, and Materials	
ACBM	Asbestos Containing Building Material
ACM	Asbestos Containing Materials
AST	Aboveground Storage Tank
HVAC	Heating, Ventilation, and Air Conditioning Systems
LUST	Leaking Underground Storage Tank
ROW	Right-of-Way
UST	Underground Storage Tank
Federal Agencies	
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
NRCS	Natural Resources Conservation Service
OSHA	Occupational Health and Safety Administration
SBA	Small Business Administration
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
Federal Environmental Regulations, Programs, and Databases	
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	CERCLA Information System
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CORRACTS	Resource Conservation and Recovery Act Corrective Action
CWA	Clean Water Act
ERNS	Emergency Response Notification System
FOIA	Freedom of Information Act
LQG	Large Quantity Generator
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFRAP	No Further Remedial Action Planned
NPL	National Priority List
NRCS	Natural Resources Conservation Service
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
SEMS	Superfund Enterprise Management System
SQG	Small Quantity Generator
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage and Disposal Facility

Hazardous Substances and Petroleum Products	
BTEX	Benzene, Toluene, Ethyl Benzene, Xylene
CVOCs	Chlorinated Volatile Organic Compounds
MTBE	Methyl Tertiary Butyl Ether
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene, Tetrachloroethylene, Perchloroethene, Perchloroethylene, PERC
PFAS	Per- and Polyfluoroalkyl substances, including PFOA, PFOS, and GenX
PNAs	Polynuclear Aromatics - also known as Polycyclic Aromatic Hydrocarbons (PAHs)
SVOCs	Semi-Volatile Organic Compounds
TCE	Trichloroethene, Trichloroethylene
TMBs	Trimethylbenzenes
VOCs	Volatile Organic Compounds
Mapping, Instruments and Units of Measurement	
bgs	Below Ground Surface
GIS	Geographic Information System
msl	Mean Sea Level
PID	Photoionization Detector
ppb	Parts Per Billion
ppb(v)	Parts Per Billion by Volume
ppm	Parts Per Million
ppm(v)	Parts Per Million by Volume
T/R/S	Township, Range, Section
µg/Kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
ng/Kg	Nanograms per Kilogram
ng/L	Nanograms per Liter
Michigan-Specific	
BEA	Baseline Environmental Assessment
NREPA	Natural Resources and Environmental Protection Act
EGLE	Michigan Department of Environment, Great Lakes and Energy and its predecessors below:
	MDEQ Michigan Department of Environmental Quality
	MDNRE Michigan Department of Natural Resources and Environment
	MDNR Michigan Department of Natural Resources
LARA	Michigan Department of Licensing and Regulatory Affairs
GRCC	Generic Residential Cleanup Criteria (or Criterion)
	DW/DWP Drinking Water/Drinking Water Protection
	DC Direct Contact
	F/E Flammability/Explosivity Limit
	GSI/GSIP Groundwater to Surface Water Interface/Groundwater to Surface Water Interface Protection
	PI Particulate Inhalation
	VIA Volatilization to Indoor Air
	VOA Volatilization to Outdoor Air
MI 10 Metals	Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Selenium, Silver, and Zinc
LGP	Leaded Gasoline Indicator Parameters (includes BTEX, TMBs and other compounds)
ULGP	Unleaded Gasoline Indicator Parameters (includes BTEX, MTBE, TMBs and other compounds)

1. EXECUTIVE SUMMARY

Applied EcoSystems, Inc. (Æ), completed this Phase I ESA for the purpose of identifying RECs, CRECs, HRECs, and DMCs in compliance with ASTM Standard Practice E1527-21 and consistent with the USEPA's "All Appropriate Inquiries" Rule as set forth in 40 CFR Part 312. In addition, select applicable BERs outside the scope of the ASTM E1527 Standard also may have been identified. This summary must not be considered apart from the entire report, which contains the rationale and qualifications used by Æ in making the opinions and conclusions presented herein.

Subject Property Information	
Subject Property Address:	Vacant Parcel on Bristol Road
Municipality:	Swartz Creek, Michigan
County:	Genesee
Parcels:	58-30-300-012
Previous Additional Addresses:	Based on records reviewed, the Subject Property historically was identified with an address of 6220 Bristol Road.
Land Area:	14.150 acres, per tax records.
Subject Property Structures:	No structures or remnants of previous buildings currently are present on the Subject Property, with the exception of an abandoned silo located in the southern portion of the Subject Property.
Subject Property Owner:	Woodside Builders Inc., per tax records.
Subject Property Occupant(s):	The Subject Property was unoccupied.
Key Site Manager:	No Key Site Manager was identified.
Legal Description:	A PARCEL OF LAND BEG N 89 DEG 26 MIN 32 SEC E 197.49 FT FROM S 1/4 COR OF SEC TH N 0 DEG 29 MIN 01 SEC W 111.86 FT TH N 89 DEG 30 MIN 59 SEC E 20 FT TH N 0 DEG 29 MIN 01 SEC W 509.37 FT TH N 03 DEG 0 MIN 31 SEC W 60.83 FT TH S 83 DEG 32 MIN 45 SEC E 46.59 FT TH N 16 DEG 51 MIN E 181.18 FT TH N 73 DEG 09 MIN W 9 FT TH N 16 DEG 51 MIN E 616.33 FT TH N 89 DEG 26 MIN 32 SEC E 230.21 FT TH S 0 DEG 58 MIN 30 SEC E 1440 FT TH S 89 DEG 26 MIN 32 SEC W 535.15 FT TO PL OF BEG SEC 30 T7N R6E 14.15 A (18) FROM 58-30-300-011

Use Information	
Current Uses:	The Subject Property was observed to consist of an unused lot that varies from leveled gravel areas to tall and short grassy areas to dense woodlands and undergrowth. Some utility equipment such as stormwater drain covers and reinforced concrete culverts and storm drainpipes. No use, storage, and/or production of hazardous substances or petroleum products was observed on the Subject Property.
Surrounding Uses:	The surrounding sites were a mixture of residential and recreational uses. The north-and east-adjoining sites consist of generally open fields

Use Information	
	comprising a City-owned park. The west- adjoining sites are developed with a residential subdivision, and south-adjoining sites across Bristol Road are developed with single family residences. No use, storage, and/or production of hazardous substances and petroleum products was observed in the surrounding area.
Historical Uses:	Historically, the Subject Property was indicated as developed with a farmstead and used agriculturally since at least 1900. The farm buildings were expanded in the late 1930s and early 1940s. The farmhouse likely initially was serviced by a private water well and septic system and may have been heated by fuel oil contained in an UST or AST (the existence and location of which was not confirmed) until connection to municipal water and sewer and to natural gas services in the 1970s. The west barn was demolished by 1992, and the farmstead was identified as unused by 1999. The last building, excluding the remaining abandoned silo, was demolished by 2006. The Subject
Surrounding Historical Uses:	The surrounding area was used primarily as cropland by at least 1937. Residential development increased in the area over time until the 1960s, when commercial development and redevelopment began. Commercial development increased through the 1990s. No off-site potential environmental concerns were identified.

Current Utilities	
Municipal Water:	The Subject Property was connected to municipal water; however, the date of initial service was not determined.
Drinking Water Wells:	The EGLE Wellogic database was searched, and water-supply wells were not identified on the Subject Property. .
Municipal Sewer:	The Subject Property was connected to the municipal sewer system; however, the date of initial service was not determined.
Septic Systems:	The Tax Assessor's records indicate a septic system was present on the Subject Property; however, no additional information is provided. No structures indicative of a septic system was observed on the Subject Property.
Electrical Utilities:	Utility records were not identified for electricity connections.
Heating Fuel:	Utility records were identified for natural gas connection in 1970. The Consumers Energy natural gas distribution map shows the nearby natural gas main in south-bordering Bristol Road as having been installed in 1961.

Æ has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 for Vacant Parcel on Bristol Road, Swartz Creek, Michigan, the Subject Property. Any exceptions to, or deletions from, this Practice are described in Section 2.8 of this report. Æ has evaluated the results of the Phase I ESA research in concert with its extensive experience completing environmental assessments of similar sites. This assessment

has revealed no Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), or Significant Data Gaps (SDGs) in connection with the Subject Property, as summarized following:

Conclusions, Opinions, and Recommendations	
RECs:	This assessment has revealed no evidence of Recognized Environmental Conditions (including VECs) in connection with the Subject Property.
CRECs:	This assessment has revealed no evidence of CRECs in connection with the Subject Property.
HRECs:	This assessment has revealed no evidence of HRECs in connection with the Subject Property.
DMCs:	This assessment has revealed no evidence of DMCs in connection with the Subject Property.
Data Gaps:	No significant data gaps were encountered.
Opinions:	<p>In Æ's opinion, no additional investigations are warranted to support liability protection under Part 201 of Michigan Public Act 451, 1994, as amended, the NREPA.</p> <p>The opinions provided by Æ are not necessarily the only acceptable alternatives for dealing with the identified environmental concern. Information known by the User but not conveyed to Æ, such as planned changes concerning property use, proposed renovations, capital or time constraints, and other business and legal variables, could alter Æ's opinions or pose prudent alternatives.</p>
Recommendations:	Æ recommends no additional investigations to support liability protection under Part 201 of Michigan Public Act 451, 1994, as amended, the NREPA.

2. INTRODUCTION: SITE DESCRIPTION AND ASSESSMENT OVERVIEW

2.1 Subject Property Location and Description

Property description information for this report was obtained from government property, tax, and other records. Property figures, maps, and/or aerial photographs, provided in the Appendices, show approximate property locations with north oriented to the top of the page, unless otherwise indicated.

Subject Property Address:	Vacant Parcel on Bristol Road
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2.2 Purpose of Phase I Environmental Site Assessment

The purpose of a Phase I ESA is to identify, to the extent feasible pursuant to the process prescribed herein, Recognized Environmental Conditions (RECs) including VECs), Controlled Recognized Environmental Conditions (CRECs), Historical Recognized Environmental Conditions (HRECs), De Minimis Conditions (DMCs), and Significant Data Gaps (SDGs) in connection with the described Subject Property in accordance with ASTM Standard Designation E1527 (*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*). This Phase I ESA was performed in conformance with the scope and limitations of ASTM Standard E1527-21.

A REC is a designation defined by ASTM E1527-21 as “(1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment.” The term “likely” is defined in ASTM Standard E1527-21 as “that which is neither certain nor proved but can be reasonably expected or believed by a reasonable observer based on the logic and/or experience of the Environmental Professional, and/or available evidence, as stated in the report to support the opinions given.”

As related to a REC, “hazardous substances or petroleum products” include hazardous substances within the scope of CERCLA 42 U.S.C. §9601(14) and petroleum products included within the petroleum exclusion to CERCLA 42 U.S.C. §9601(14), even under conditions in compliance with laws. The term “REC” is not intended to include DMCs that are defined in ASTM Standard E1527-21 as “a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.” Applications of hazardous substances excluded from CERCLA regulations, such as normal application of fertilizers and pesticides in accordance with manufacturers’ guidelines, also do not constitute a REC.

The term “Vapor Encroachment Condition (VEC)” was introduced in ASTM Standard E2600 (*Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*) and defined as “presence or likely presence of contaminants of concern 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....” Evaluation of the vapor pathway is included in determination of a release to the environment and migration of hazardous substances or petroleum products in the ASTM E1527 Standard. According to ASTM E1527, use of the E2600 Standard is not required to achieve compliance with All Appropriate Inquiries. The scope of work for this Phase I ESA considers the potential for vapor encroachment to the Subject Property, which is evaluated as a potential REC; however, this Phase I ESA is not intended to meet the scope of ASTM E2600.

A CREC is defined in ASTM E1527-21 as “a REC affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example activity and use limitations or other property use limitations).”

A HREC is defined in ASTM E1527-21 as “a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls.” A HREC is not a REC.

A Data Gap (DG) is defined in ASTM E1527-21 as “a lack of or inability to obtain information required by this practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance ... and interviews....” A Data Gap is considered to be “Significant” when it prevents the Environmental Professional from satisfactorily

identifying or precluding RECs (including VECs), CRECs, and/or DMCs in connection with the Subject Property.

A Phase I ESA conducted according to the ASTM Standard E1527 Standard constitutes “All Appropriate Inquiries [as defined in 40 Code of Federal Regulations (CFR), Part 312] into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice” for a possible property transaction involving the Subject Property and to permit the ESA User to qualify in part for one of the landowner liability protections (LLPs) identified by CERCLA and defined in 42 U.S.C. 9601(35) (B). This report also generally meets one of the requirements of SBA SOP 50 10 6.

While no Phase I ESA can eliminate wholly uncertainty regarding the potential for RECs and CRECs in connection with a property, the environmental conditions identified as associated with the Subject Property have been investigated to the extent feasible and in accordance with ASTM E1527. This ASTM document is considered the industry guide for Phase I ESAs. In accordance with the ASTM E1527 Standard, every reasonable attempt has been made, given the existing time and resource constraints, to identify the presence or potential presence of hazardous substances and petroleum products on the Subject Property under conditions that constitute a REC and/or CREC.

2.3 Scope of Services

Documentation of User’s Responsibilities

Pursuant to the All Appropriate Inquiries Final Rule (40 CFR Part 312), the ESA User is required to document the following information relative to the Subject Property within 180 days of acquisition of the Subject Property if the User is seeking to qualify for a LLP to CERCLA liability or to have a USEPA Brownfield Assessment conducted:

- Land title records and judicial records search for environmental liens and activity and use limitations,
- Specialized knowledge or experience indicative of releases or threatened releases,
- Actual knowledge of encumbrances associated with the Subject Property,
- Environmental conditions affecting the proposed sales price of the Subject Property,
- Commonly known or reasonably ascertainable information material to identification of RECs, and
- Purpose for requesting conduct of the Phase I ESA.

During this Phase I ESA, Æ requested that the ESA User provide Æ with any information or documents obtained in conjunction with its investigations. Æ notes that the ESA User was under no obligation to provide such information; however, withholding such may affect the Environmental Professional’s ability to identify RECs. Failure of the User to provide documentation of the requested information to the best of the User’s knowledge to the USEPA or courts upon request could result in a determination that AAI is not complete.

Site Reconnaissance

A site reconnaissance, including the examination of the perimeters of building exteriors and accessible interior spaces as applicable, the areas along the boundaries of the Subject Property, and the area within the boundaries of the Subject Property through visually overlapping representative

transects as accessible, was completed by, or under the responsible charge of, an Æ Environmental Professional.

The site reconnaissance included exterior observations of adjoining and surrounding sites, as viewed from the boundaries of the Subject Property and from publicly accessible areas outside the Subject Property. Observations were conducted for indications of the storage, use, or release of significant quantities of hazardous substances or petroleum products and for physical characteristics such as relative elevation, drainage patterns, and other avenues for contaminant migration. Any restrictions or limitations on site reconnaissance are specified in this report.

Physical Setting

Observed and documented physical conditions relative to the Subject Property and surrounding area that were considered likely to affect potential migration of hazardous substances or petroleum products to or from the Subject Property were reviewed and used to evaluate potential RECs and CRECs. When available, documents specific to the Subject Property or surrounding area were relied upon and referenced in the report.

Historical Use Review

Æ investigated the history of the previous uses of the Subject Property and surrounding area in order to help identify the likelihood of past uses having resulted in RECs and/or CRECs in connection with the Subject Property.

Government Regulatory Agency Review

A search of reasonably ascertainable and practically reviewable government agency databases was performed to determine if the Subject Property or surrounding sites are included on government agency databases considered likely to be indicative of potential environmental concern in relation to the Subject Property. Government agency databases reviewed included those listed in ASTM Standard E1527, as available. Reviews were conducted to minimum search distances specified in the E1527 Standard to the extent locations were identifiable. Known reports specific to the Subject Property were requested for further evaluation, if available.

Interviews

Æ made reasonable attempts to conduct interviews as necessary with the ESA User(s); past and present owners, operators, and occupants; and adjoining site owners or occupants as appropriate to obtain information indicating RECs in connection with the Subject Property and historical uses and conditions associated with the Subject Property. Æ also interviewed state and/or local government officials, if/as appropriate, or submitted written records requests to obtain information indicating RECs and/or CRECs in connection with the Subject Property. The inability to conduct any of the identified interviews was evaluated by Æ to assess its impact on the identification of RECs and CRECs.

Report

Æ prepared this Phase I ESA report describing the information gathered through the site reconnaissance, records searches, and interviews. The report also includes Æ's professional opinion pertaining to the significance of potential environmental concerns and whether they constitute RECs or CRECs. References are provided, and copies of relevant maps and other documents that

likely are not readily accessible to the ESA User are included in the Appendices unless precluded by copyright or other restrictions.

2.4 Significant Assumptions

Æ assumes that the Subject Property has been identified correctly by the User, the designated representative of the User, the owner or operator of the Subject Property, and/or the designated representative of the owner of the Subject Property. If the Subject Property is identified only by address, Æ assumes that the tax record associated for that address identifies all County tax parcels associated with the Subject Property.

Unless otherwise indicated, it is assumed that the Phase I ESA was completed to evaluate the existence or likely existence of RECs and/or CRECs on the Subject Property. The extent of information and recommendations presented within the report is based solely upon the observations and investigations performed and is not verified to be complete beyond the scope of the proposed services or the intent of the assessment. Any recommendations provided are for general informational purposes and must be evaluated by the ESA User.

The information obtained through the Records Review and Interviews is assumed to be accurate and provided in good faith. If the quality of information obtained during conduct of the Phase I ESA is in question in the opinion of the Environmental Professional performing the Phase I ESA, those instances are discussed in conjunction with presentation of the information in the appropriate sections of this report. ASTM Standard E1527 Standard does not require independent verification of the validity of information obtained from secondary sources.

The roofs of any buildings were not accessed unless otherwise noted. It is not expected that inspection of a building roof ordinarily would be necessary to evaluate the likely existence of RECs or CRECs. If the site reconnaissance included inspection of the roof, observations are presented in the report along with their intent and evaluation.

The interior inspection, if applicable, consisted of observation of accessible areas, except locations that ordinarily would not be expected to reveal potential environmental concerns, such as restrooms and offices.

Any information provided to Æ to satisfy the AAI responsibilities of the ESA User is assumed to be accurate and complete, as discussed in User-Provided Information in Section 3. Æ does not represent that the information provided by the ESA User is either accurate or complete.

In the absence of information indicating a known or likely past release, previous Subject Property or surrounding site activities involving the likely use of significant quantities of hazardous substances or petroleum products are not considered a high risk of a past release when use post-dates the passing of federal environmental regulations such as the following:

- Major revisions to the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) in 1972 transferred regulatory authority from the USDA to the USEPA and shifted regulatory emphasis to evaluation and protection of the environmental and public health.

- RCRA (1976) established a system to regulate hazardous waste from its moment of generation through transportation to its treatment, storage, and disposal. A framework to regulate USTs also was established. The UST requirements generally included the following: technical standards for system design, installation, operation, upgrades, release detection, and closure; reporting and corrective action requirements for UST releases; and financial responsibility requirements.
- TSCA (1976) mandated the USEPA to protect the public from “unreasonable risk of injury to health or the environment” by regulating the manufacture, processing, distribution, use, sale, and disposal of new and in-use chemicals not regulated by other Federal statutes (with many exceptions). Notable TSCA restrictions include those relative to PCBs. PCBs are man-made chemicals that persist in the environment and were used widely in construction materials, dielectric fluids, hydraulic oil, and other oils with domestic manufacturing beginning in approximately 1929. The manufacture, and most uses of PCBs were banned in 1979. Other significant TSCA restrictions include use of methylene chloride in consumer paint and coating-removal products, elemental mercury uses, asbestos in schools, radon in schools and Federal buildings, and lead in paint and toys.
- CERCLA (1980) requires the cleanup of hazardous substances that pose threats to public health, welfare, and the environment.

Most properties previously were used for agricultural purposes. Chemicals such as pesticides, herbicides, and fertilizers commonly were applied to agricultural land during historical agricultural activities. Unless otherwise indicated in this report, these chemicals are presumed to have been applied in accordance with proper label instructions and generally accepted agricultural management practices. This use of agricultural chemicals is not considered a “release” according to CERCLA and TSCA; and, consequently, previous agricultural use typically is not regarded as a finding of potential environmental concern or as a REC in the absence of specific knowledge of a likely release from chemical mixing sites or other conditions not associated with proper application.

Fill material is used on many sites for land balancing, road and driveway and parking lot construction, structural development, and other activities. Fill material used in this fashion on the Subject Property or adjoining sites is not regarded as a finding of potential environmental concern or as a REC unless otherwise stated in this report.

Æ assumes that the direction of groundwater flow at the Subject Property is consistent with topographic gradient depicted on the current USGS 7.5-minute topographic map for the vicinity of the Subject Property and the proximity of surface-water bodies, unless otherwise specified by actual well data for the Subject Property, or nearby sites or other knowledge by Æ.

2.5 Limitations and Exceptions

In certain instances, data failures or data gaps, as defined by ASTM, may prevent adherence to all ASTM Standard E1527 requirements. In such cases, the data gaps or data failures are discussed in the appropriate sections of this report, including an opinion of the Environmental Professional regarding the significance of the data gap with respect to identifying RECs or CRECs.

The information collected during the Phase I ESA is designed to draw conclusions and opinions relative to the existence or likely existence of RECs and/or CRECs on the Subject Property and must not be relied upon for any other purpose.

During conduct of the Phase I ESA, various public records were consulted. In some instances, review of the records is affected by limitations of the documents, including but not limited to the following: illegible hand-written documents, incomplete documents, poor reproduction quality, limited map resolution, and map scale.

Documents identifying property use at five-year intervals, as stipulated by the ASTM Standard, are almost never available, constituting a data failure. Unless otherwise stated in this report, this data failure is not considered to constitute a significant data gap based on reviewed available information relative to continuity of property use or type of use or the absence of use gaps that are likely to indicate use involving hazardous substances and/or petroleum products.

ASTM Standard Practice E1527 recognizes inherent limitations for Phase I ESAs, including but not limited to:

- Uncertainty – No ESA can wholly eliminate uncertainty regarding the potential for RECs and CRECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs and CRECs; and this Practice recognizes reasonable limits of time and cost.
- Exhaustiveness – AAI does not mean an exhaustive assessment of a property. The Phase I ESA process recognizes that a point exists at which the cost of obtaining information or the time required to gather the information outweighs the usefulness of the information and may constitute a material detriment to the orderly completion of the associated transaction.
- Level of Inquiry – Not every property requires the same level of assessment. Consistent with good commercial or customary practice, the appropriate level of environmental site assessment is guided by the type of property, the expertise and risk tolerance of the User, and the information developed during the course of the inquiry.
- Comparison with Subsequent Inquiry – An inquiry should not be concluded or assumed not to comply with AAI merely because it did not identify RECs or CRECs in connection with a property. Phase I ESAs must be evaluated based on the reasonableness of judgments and opinions provided at the time and under the circumstances in which they were made. Subsequent Phase I ESAs should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors.
- Point in Time – The Phase I ESA is based on conditions at the time of completion of each of the required elements of the ESA (User's Responsibilities, Physical Setting Resources, Government Records, Historical Records, Site Reconnaissance, Owner/Operator/Occupant and Local Government Officials Interviews, and Evaluation/Reporting).

2.6 Terms and Conditions

Æ hereby gives notice that any statement or opinion contained in this report must not be construed to create any warranty, expressed, or implied, or representation that the real property on which the investigation was conducted (Subject Property) is free of hazardous substances or petroleum

products or that the Subject Property complies with any applicable regulatory or statutory requirements.

Unless otherwise indicated in this report, no attempt was made to evaluate the compliance of present or past owners of the Subject Property with federal, state, or local laws or regulations. The conclusions presented in this report were based on the services described and not on scientific tasks or procedures beyond the scope of the described services or the time and budgetary constraints imposed.

Any person considering the use, acquisition, or other involvement concerning the Subject Property shall enter into any use, occupation, or other investment on the sole reliance of his/her own judgment and on his/her own personal investigation of the Subject Property.

Æ has performed this limited assessment in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants in the area and timeframe. Æ will not be responsible for the conditions or consequences arising from relevant facts that were concealed, withheld, not fully disclosed or unobservable during the course of the investigation.

The Phase I ESA for the Subject Property described was completed in accordance with a written proposal dated May 8, 2023, including Æ's Standard Terms and Conditions dated January 1, 2022 and limitations and service constraints described in the ASTM Standard, including those cited in Section 2.5.

2.7 Reliance

This report was prepared on behalf of the ESA User as identified in Section 3 and must not be used or relied upon by any other parties without the written permission of Æ and the ESA User. No third parties are intended to benefit from this report, and no third-party beneficiary rights may be inferred from or implied by anything contained in this report. Any use of this report by a User subsequently authorized by a reliance letter or other instrument and/or any unauthorized or so-called "third-party user" agrees to the above terms and conditions, limitations, and agreements even if they do not have copies of those documents and also are subject to comply with all User's AAI responsibilities.

The Phase I ESA also was performed for reliance by Chris Stritmatter.

Pursuant to the ASTM Standard, a Phase I ESA may be presumed to be valid for 179 days after the earliest date that the following tasks were performed:

PHASE I ESA TASK	DATE TASK BEGUN DURING THIS PHASE I ESA
Interviews or attempted interviews with owners, operators, and/or occupants	05/17/2023
Searches for recorded environmental cleanup liens (as provided by the ESA User, queried of the ESA User, or identified on EGLE's listing)	05/18/2023

Visual inspections by or under the responsible charge of the Environmental Professional	05/15/2023
Review of federal, tribal, state, and/or local records	05/31/2023
Declaration by the Environmental Professional responsible for the assessment	06/02/2023
LAST DAY OF ESA VIABILITY (earliest date above + 179 days)	11/16/2023

After 180 days, only historical information, as described in the Standard, may be relied upon.

2.8 Deviations and Additions

This Phase I ESA was completed in general accordance with ASTM Standard E1527-21, with no significant deviations. No deletions exist; and any other additions are described in Section 8 (Non-Scope Services).

3. USER-PROVIDED INFORMATION

This Phase I ESA was prepared on behalf of the ESA User, The City of Swartz Creek. The ESA User was advised of the ESA User's responsibilities as outlined in the ASTM E1527 Standard and in Æ's Proposal Number 23-10124A-715.

Mr. Adam Zettel, City Manager, and Mr. Chris Stritmatter, attorney, were the designated representatives of the ESA User.

The ESA User provided Æ with the following information to qualify in part for one of the landowner liability protections offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2002, as prescribed in the AAI Final Rule (40 CFR Part 312).

3.1 Title Records

The ESA User did not provide Æ with title records for the Subject Property.

3.2 Environmental Liens or Activity and Use Limitations

The ESA User did not provide Æ with information relative to the existence of environmental liens or land use limitations.

3.3 Specialized Knowledge

The ESA User did not provide Æ with known specialized knowledge relative to the Subject Property.

3.4 Commonly Known or Reasonably Ascertainable Information

The ESA User did not provide Æ with commonly known or reasonably ascertainable information relative to the Subject Property, except as discussed in Section 5.1 of this report.

3.5 Owner, Key Site Manager, and Occupant Information

Subject Property contacts provided by the ESA User are identified in Section 2.1.

3.6 Value Reduction Due to Environmental Concerns

No indication of a valuation reduction for the Subject Property due to environmental issues was identified.

3.7 Reasons for Performing Phase I ESA

The Phase I ESA was performed to meet liability protection requirements and qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations to CERCLA liability and to meet liability protection under Part 201 of Michigan Public Act 451, 1994, as amended, the NREPA.

3.8 Other User Information

Mr. Zettel provided Æ with an April 14, 1999 Transaction Screen Environmental Site Assessment prepared by FSE Environmental Consultants Inc. on behalf of Woodside Builders for a larger parcel that included the Subject Property. The Transaction Screen “revealed no evidence of major recognized environmental conditions” concerning the Subject Property. The historical report is provided as an attachment to this report and is discussed further in Section 5.3.5.

The ESA User may be documenting additional AAI information separately.

4. SITE RECONNAISSANCE

4.1 Methodology and Conditions

Inspection Date:	May 15, 2023
Inspector:	Denada Planaj, Environmental Scientist, under the responsible charge of Mike Smith, Environmental Professional
Boundaries determined by:	County GIS records and legal descriptions
Conditions:	Weather conditions were clear with no precipitation.
Limitations:	No significant limitations regarding observations of conditions on the Subject Property were encountered.

The site reconnaissance of this vacant field was performed using a perimeter inspection and an internal gridded inspection allowing for overlapping observations from each transect. Inspections also were performed along all roads and trails observed on the Subject Property that could serve as accessways for unauthorized dumping or disposal.

Selected photographs taken during the site reconnaissance are provided in the Appendices.

4.2 General Site Settings

A site vicinity map and table are provided in the Appendices as a reference for evaluation of the uses of the Subject Property and surrounding sites.

4.2.1 Current Use of the Subject Property

The Subject Property was observed to consist of an unused lot that varies from leveled gravel areas to tall and short grassy areas, to dense woodlands and undergrowth. Some utility equipment such as stormwater drain covers and reinforced concrete culverts and storm drainpipes. No use, storage, and/or production of hazardous substances or petroleum products was observed on the Subject Property.

4.2.2 Past Use of the Subject Property

Past uses of the Subject Property included agricultural use, as indicated by the abandoned silo and various abandoned farming equipment observed on the southern portion of the Subject Property.

4.2.3 Current Uses of Sites in the Surrounding Area

The surrounding sites were a mixture of residential and recreational uses. The north-and east- adjoining sites consist of generally open fields comprising a City-owned park. The west- adjoining sites are developed with a residential subdivision, and south- adjoining sites across Bristol Road are developed with single family residences. No use, storage, and/or production of hazardous substances and petroleum products was observed in the surrounding area.

4.2.4 Past Uses of Sites in the Surrounding Area

No indications of past uses were identified on the surrounding sites during the site reconnaissance.

4.2.5 Structures, Roads, or Other Improvements on the Subject Property

Development	Description
Structures	No structures were present on the Subject Property, with the exception of an abandoned silo located near the center of the southern portion of the Subject Property.
Roads	Bristol Road borders the Subject Property to the south.
Parking	No provisions for parking were present on the Subject Property.
Water Supply	Based on observed utility markings, infrastructure municipal water is available to the area.
Sewage Disposal	Based on observed utility markings, infrastructure municipal sewer service is available to the area.
Electrical Utilities	Based on observed utility markings, infrastructure electricity is available to the area.
Liquid-Cooled Electrical Transformers	No electrical transformers were located on the Subject Property.
Heating Systems	Observations for past heating oil use, including storage tanks, supply lines, fill ports, vent pipes, and fuel level meters were conducted. No indications of past heating oil use were identified.
Cooling Systems	No cooling systems were observed.

4.3 Exterior Observations

4.3.1 Exterior Observations of the Subject Property

The Subject Property is a 14.15-acre unused lot with previous agricultural use indicated by the remaining silo located in the center of the southern portion of the Subject Property. Vegetative overgrowth is found throughout the Subject Property, with only a small area along the southern boundary paved with asphalt. Two unpaved entrances from south-bordering Bristol Road were observed along the southern boundary of the Subject Property, with the western-most unpaved road extending toward the former farmstead area in the center of the southern portion of the Subject Property and redirecting to the eastern terminus of Arlington Drive along the western boundary of the Subject Property with the west-adjointing residential subdivision. An approximately two-foot wide intermittent stream with bordering brushy vegetation transects the center of the northern portion of the Subject Property from west to east before turning southerly on the east-adjointing site and discharging to the West Branch of Swartz Creek.

Observable relevant surface drainage patterns on the Subject Property are summarized following:

- Stormwater and spills on the northern half and the center of the Subject Property are likely to flow toward the stream transecting the Subject Property. On the southern half of the Subject Property stormwater and spills are likely to flow toward the drainage ditch located along south-bordering Bristol Road.

Item	Exterior Observation
Storage Tanks	No indications of storage tanks were observed, including vents, pipes, fill ports, signage, dispensers, dispenser islands, labeled electrical circuits, and explosion-proof fittings.
Drums, Totes, and Intermediate Bulk Containers	No drums were observed. No indications of previous drum storage were noted, including corrosion ring staining on pavement and hazardous materials storage structures.
Other Hazardous Substances and Petroleum Products and Containers	No other hazardous substances or petroleum products or containers were noted.
Unidentified Substances and Containers	No unidentified substances or containers were observed.
Hazardous Waste Storage/Disposal	No hazardous-waste storage structures or disposal areas were observed.
Staining	No significant staining was noted on soils or pavement.
Corrosion	No significant corrosion was noted on soils or pavement.
Odors	No unusual odors were encountered.
Pools of Liquid	No pools of liquid were observed.
PCBs	Observations were conducted for suspected PCB-containing equipment such as liquid-cooled electrical transformers, hydraulic scales, and hydraulic elevators or other lifts. No suspected PCB-containing equipment was observed.
Lagoons	No water treatment lagoons were identified.
Pits	No pits were identified.
Ponds	No ponds were observed.
Stressed Vegetation	No vegetation that appeared to be stressed as a result of a chemical release was noted.
Soil Mounds	Soil mounds were observed through the Subject Property. Some were observed to be newer while others had vegetation growing on them indicating they were older.
Suspect Fill Material	No suspect fill material of concern was observed, including foundry casting sand, foundry slag, disposed industrial wood flooring, or demolition debris.

Item	Exterior Observation
Solid Waste	<p>Trash and solid waste consisting principally of food and drink wrappers, plastic bags, and food containers were encountered scattered across the Subject Property and concentrated near the south-bordering roadway and west-bordering subdivision. These wastes likely were discarded along the roadway and blew onto the Subject Property.</p> <p>Solid waste consisting of large wood slabs, concrete slabs and utility pipes, miscellaneous metal pipes and parts, old farm equipment, wood pallets, and automotive tires were observed principally in the southern half of the Subject Property near the location of the previous structures on the southern portion of the Subject Property. These wastes likely were remnants of previous residential and farm structures on the Subject Property or were dumped from other nearby sites.</p>
Wastewater	Wastewater discharges were not identified.
Stormwater	Stormwater generally flowed toward the stream located in the center of the northern portion of the Subject Property or infiltrated the ground in low-lying areas throughout the Subject Property. Stormwater on the southern portion of the Subject Property likely flowed to the roadside drainage ditch along Bristol Road
Other Liquid Discharges	No other liquid discharges were identified.
Drinking Water or Irrigation Wells	No well heads, well vaults, or pressure tanks indicative of a drinking-water/irrigation well and no indications of cisterns were identified.
Monitoring Wells	No flush-mounted covers, above-grade well vaults, or pavement patches likely to be associated with monitoring wells were noted.
Septic Systems or Cesspools	No cover plates, vents, lift stations, cleanouts, or elevated drain beds likely to be associated with a septic system were noted.
Drains	No stormwater drains were observed on the Subject Property.
Oil-Water Separators or Grease Traps	No oil-water separators or grease traps were observed or were required in the absence of an occupied structure.
Sumps	No sumps were identified.
Pipes of Unknown Origin or Use	No pipes of unknown origin or use were observed.

4.3.2 Exterior Observations of Surrounding Area

The adjoining sites were observed from the Subject Property and from surrounding public thoroughfares in order to identify potential sources of surface releases and surface drainage patterns indicative of likely migration to the Subject Property.

Observable, relevant area surface drainage patterns and likely releases are summarized following:

- Drainage on the adjoining sites to the south across Bristol Road is diverted from the Subject Property via the drainage ditches bordering Bristol Road. No exterior chemical storage was noted outside the single-family residential sites.

- The adjoining sites to the north and east comprise an undeveloped area that appeared unlikely to shed surface flow to the Subject Property.
- Drainage on the adjoining residential subdivision to the west is likely to flow toward the Subject Property; however, no exterior chemical storage was noted outside the single-family residences.

No off-site potential environmental concerns were observed that indicate likely releases or migration of contamination to the Subject Property.

4.4 Interior Observations

No structures were present on the Subject Property, with the exception of an abandoned silo likely used to store grain in the past. The silo was observed to be empty, with native vegetation growing inside. Minor solid waste debris such as concrete blocks, food waste, and scrap metal also was observed on the floor of the silo.

4.5 Non-Scope Observations

Additional non-testing observations made during the site reconnaissance may indicate business environmental risks that are beyond the scope of a standard Phase I ESA, including observations of asbestos-containing materials, lead-based paint, or other risks. Any information presented is for general informational purposes only and is not a substitute for an in-depth assessment or compliance evaluation. Refer to Section 8 (Non-Scope Services).

5. RECORDS REVIEW

5.1 Local Government and Utility Records

Local government records were reviewed as available for Subject Property information and indications of environmental concerns associated with RECs. Local government records include tax assessment records and records obtained in response to FOIA requests submitted to the local Fire Department, Health Department, and other relevant municipal offices. Records were requested relating to possible environmental concerns, including current or previous wells, septic systems, gasoline station operations, dry cleaners, vehicle repair operations, private vehicle re-fueling, manufacturing activity, chemical releases, disposal sites, and other potential concerns. Copies of select/relevant local government records are provided in the Appendices.

Subject Property Records Identified in Local Government Sources

The following information indicating potential environmental concerns was identified:

- Tax Assessor's field sheets indicate the Subject Property historically was part of a larger parcel that included the east-adjointing site; however, all the historical structures present on that parcel were located on the area comprising the Subject Property. In total five structures were described on the Subject Property: a 2-story residential structure with a partially finished basement built in 1900, two single-story barns built in 1900 and 1938 with concrete floors, a silo built in 1940 with a dirt floor, and a single-story toolshed built in 1940 with a dirt floor.
- Tax Assessor's field sheets indicate the Subject Property used a gravity furnace in the 2-story residential structure, with natural gas identified as its fuel. The dates of use were not specified.
- Tax Assessor's field sheets also indicate that the occupied building on the Subject Property used municipal services such as water and sewer; however, the records also indicate the use of a septic tank and a water well. Dates of their various uses were not recorded.

Other relevant information was identified as follows:

- The Genesee County Health Department indicated no records of septic systems or water wells existed for the Subject Property. Additionally, the Health Department had no records of any hazardous and petroleum substances having been stored, produced, or spilled on the Subject Property.
- The Swartz Creek Area Fire Department had no records of tanks, spills, or responses to the Subject Property; however, A/E notes that the records went back only 10 years, during which time the Subject Property was vacant.
- Tax Assessor's files indicate that the 14.15-acre Subject Property is vacant and undeveloped. The Subject Property was split from a larger parcel on December 19, 2017. The current owner of the Subject Property was identified as Woodside Builders Inc.

Subject Property Records Identified in Utility Sources

Utility	Description
Municipal Water	The Subject Property was connected to municipal water; however, the date of initial service was not determined.
Drinking Water or Irrigation Wells	The EGLE Wellogic database was searched, and water-supply wells were not identified on the Subject Property. .
Municipal Sewer	The Subject Property was connected to the municipal sewer system; however, the date of initial service was not determined.
Septic Systems	The Tax Assessor's records indicate a septic system was present on the Subject Property; however, no additional information is provided. No structures indicative of a septic system was observed on the Subject Property.
Electrical Utilities	Utility records were not identified for electricity connections.
Heating Fuel	Utility records were identified for natural gas connection in 1970. The Consumers Energy natural gas distribution map shows the nearby natural gas main in south-bordering Bristol Road as having been installed in 1961.

5.2 Physical Setting Sources

5.2.1 Topography

The current (2019) USGS 7.5-minute digital topographic quadrangle map was reviewed to determine the general topography of the area, as provided in its entirety in the Appendices. Site observations of topography did not reveal inconsistency with records unless otherwise noted.

The current topographic map shows the Subject Property with an elevation of approximately 790 feet above mean sea level, with on-site relief of 10-15 feet and a slope downward generally to the southwest. The highest point on the Subject Property is identified as approximately 800 feet above mean sea level near the center of the southern half of the Subject Property.

5.2.2 Hydrology / Hydrogeology

Flood Map

FEMA provides flood maps, available online through the FEMA Map Service Center and other sources, which may identify flood risks associated with a property.

The FEMA Flood Map [FIRM Community Panel No. 26049C0281D dated September 25, 2009] provided in the Appendices shows the Subject Property in an area of minimal risk identified as "Zone X" outside the 500-year floodplain and/or outside the area identified as having a 0.2% annual chance of flooding.

Surface Water and Wetlands Inventory

The USFWS and EGLE provide wetlands maps that were reviewed for the Subject Property and surrounding area. Refer to the USFWS Wetlands Inventory Map in the Appendices.

The Subject Property is shown with a 0.92-acre riverine wetland habitat transecting the northern portion of the property, described as excavated and semi-permanently flooded with an unconsolidated bottom and unspecified perennial vegetation.

Groundwater

The Subject Property is located approximately 790 feet above mean sea level. Area topography principally slopes down gently to the southwest. Shallow unconfined groundwater flow in the area is inferred likely to be toward the southwest; however, the stream transecting the northern half of the Subject Property is likely to influence the local groundwater in its vicinity to flow toward the stream.

5.2.3 Geology

Soil Survey

The USDA NRCS provides soil survey maps that were reviewed for the Subject Property and surrounding area. The soil survey generally provides information regarding soil types, drainage, and other data relevant to agricultural uses. The soil survey also identifies some relevant geographical features and potential environmental concerns such as mines and quarries, gravel pits, pipelines, cemeteries, tanks, and oil and gas wells. Soil conditions such as “made land” (typically fill materials) also may reveal historical fill activities. The soil survey also lists hydric (wetland) soil types. Site observations of soil conditions did not reveal inconsistency with records unless otherwise noted. Refer to the Soil Survey Map in the Appendices.

The Subject Property is mapped in an area with multiple soil types as summarized following:

Soil Type	Setting on the Subject Property	Parent Material	Landform Setting	Drainage Class	Runoff Potential
“CvraaB” Conover loam with 0-4% slopes	Majority of the Subject Property	Loamy till over dense loamy till	Ground moraines, end moraines	Somewhat poorly drained	Medium
“MoC” Wawasee loam with 6-12% slopes	Central area of Subject Property	Calcareous loamy till	Ground moraines, end moraines	Well drained	High

The identified soil types do not indicate associated conditions suggestive of likely potential environmental concerns.

Quaternary Geology

The EGLE Quaternary Geology of Michigan Map published in 1982 shows the Subject Property mapped in an area of lacustrine clay and silt. The deposits typically are gray, grayish brown or reddish brown nonsorted glacial debris. These deposits consist predominantly of loam and silt loam with variable amounts of cobbles and boulders. The deposits occur in narrow linear belts of hummocky relief marking former standstills of ice-sheet margin and include small areas of ground moraine as well

as outwash. Most till deposits have little permeability; however, groundwater locally is present in coarser seams and beds (Grannemann and others, 1985).

Bedrock Geology

The EGLE Bedrock Geology of Michigan Map published in 1987 shows the Subject Property mapped in an area of the early Pennsylvanian-aged (323.2-315.2 million years ago) Saginaw Formation. This formation consists of several cyclical units that were deposited variably in fresh water, brackish water, and marine settings. Major units consist of medium- to coarse-grained sandstone and shale, with lesser limestone, shaly limestone, gypsum, and coal. The Formation variably overlies the Parma Sandstone, the Bayport Formation, and north of Jackson the Napoleon Sandstone.

The Saginaw Formation is an important aquifer in much of the central and eastern parts of the Lower Peninsula (Granneman and others, 1985). The transmissivity of the Formation typically ranges between 130 and 3,300 square feet per day, depending on differences in degree of fracturing, number of bedding-plane fractures, thickness of the sandstone, and ratio of sand to shale. The Formation is confined in most places but is recharged principally through the overlying glacial and lacustrine deposits. Water in the aquifer is relatively hard, with an average dissolved-solids concentration of 1,600 ppm. The aquifer is used for domestic water supplies mostly where the Formation is less saline, such as near Lansing.

5.3 Historical Sources and Uses

The objective of consulting historical sources is to develop a history of the previous uses of the Subject Property and surrounding area that may be associated with RECs. The ASTM E1527 Standard requires that Subject Property use be established back to 1940 or the date of first developed use, whichever date is earlier. Historical agricultural use and placement of fill are regarded as developed uses. Environmental Professionals also are required to review surrounding use information that is revealed in the process of reviewing historical sources for past use information for the Subject Property.

A review was completed of standard historical sources and other historical sources, including historical aerial photographs, topographic maps, street directories, and Sanborn Fire Insurance Maps, as necessary and available. Copies of copyright-protected materials (such as some historical address directories, fire insurance maps, and plat maps) are not provided in the Appendices.

Historical uses of the Subject Property and surrounding area also may have been determined by information presented in other sections of this report, such as interviews and government records.

Historical off-site uses of hazardous substances or petroleum products are not considered findings of potential environmental concern if a low risk of substance release and migration to the Subject Property is identified. Refer to off-site evaluation criteria in Sections 2.4 and 5.4.

5.3.1 Historical Aerial Photographs

Sources for historical aerial photographs reviewed are provided in the Appendices.

Historical Aerial Photographs Summary	
Year	Description of the Subject Property and Surrounding Area
1937	The Subject Property and surrounding area are shown as cropland. Structural development with likely farmstead buildings is observed on the southwestern portion of the Subject Property. Two roads entering the Subject Property from the south-bordering Bristol Road are apparent on the southern portion of the Subject Property. A stream is observed transecting the northern portion of the Subject Property. Rural residences and barns are shown in the surrounding area.
1941	The Subject Property is observed with an additional structure west of the original farm residence and with an unpaved road extending from the western portion of the Subject Property to the west-adjointing cropland. No significant changes are shown in the surrounding area.
1953	No significant changes are shown on the Subject Property or in the surrounding area.
1964	Limited image quality restricts observations. No significant changes are shown on the Subject Property. Three large buildings, a silo, and a smaller structure likely to be a tool shed appear to be present near the southwest corner of the Subject Property. Possible ASTs appear to be present north of the eastern-most building. No significant changes are shown in the surrounding area. Further east beyond the east-adjointing site is an industrial plant consistent with the former GM site.
1966	No significant changes are shown on the Subject Property or in the surrounding area.
1975	
1983	No significant changes are shown on the Subject Property or in the surrounding area. An unpaved road is observed starting from the eastern-most building on the Subject Property and continuing to the eastern boundary of the east-adjointing cropland.
1992	The western-most structure on the Subject Property is observed to have been demolished. No significant changes are shown in the surrounding area.
1998	No significant changes are shown on the Subject Property or in the surrounding area.
2005	The Subject Property is shown with only the eastern-most building left standing and with an increased number of unpaved roads leading to the east- and west-adjointing sites. The west-adjointing site is shown to be under structural development with a residential subdivision.
2006	
2009	The Subject Property is shown with only the silo located on the southern half of the property. The residential subdivision to the west is shown having expanded further north along the entire western boundary of the Subject Property.
2010	No significant changes are shown on the Subject Property or in the surrounding area.
2012	The Subject Property and surrounding area resemble current conditions.
2014	
2016	
2018	
2020	

5.3.2 Historical Topographic Maps

Current and historical USGS topographic quadrangle maps were reviewed to determine the general topography of the area and also to identify indicators of Subject Property usage. The topographic maps also can provide information about environmental concerns such as mines, mine dumps or tailing locations, quarries and gravel pits, wells, tanks, and oil and gas pipelines.

The current (2019) USGS 7.5-minute digital topographic map does not contain a layer indicating buildings, as that digital map was intended to be overlain on aerial photographs. Review of the current digital topographic map identified no additional indicators of Subject Property use or development, and no indicators of potential environmental concerns were identified in the surrounding area.

A historical topographic map predating the earliest available aerial photograph was reviewed and is provided in the Appendices.

Historical Topographic Map Summary	
Year	Description of the Subject Property and Surrounding Area
1922 15' scale	The Subject Property is depicted with a structure near its southern boundary, with no specific use identified. A stream is shown transecting the northern half of the Subject Property, continuing to the east-adjointing site and then turning south toward the West Branch Swartz Creek. The surrounding area is depicted with minimal development that includes a few small structures in the general vicinity. A rail line is depicted further to the south and east. Woodlands are shown to the north and northeast of the Subject Property.

5.3.3 Historical Address Directories

Historical address directories were published by various private companies since prior to 1900 for more heavily populated areas and provide information regarding past occupants by reference to the street address.

Address directories were provided by ERIS in approximately five-year intervals, as available. A copy of the address directory report is attached.

City directories available from 1960 to 2022 list the Subject Property (6220 Bristol Road) as a residential site occupied by "Sabo Frank" from 1967 to 1971. No subsequent listing was noted for the Subject Property.

Considering the other information reviewed during this assessment, the address directory review did not reveal additional potential environmental concerns.

5.3.4 Historical Fire Insurance Maps

Fire insurance maps were published by various private companies since prior to 1900 in more heavily populated areas and provide information relevant to fire insurance underwriting. The available information often includes building construction materials, building construction dates, property use, chemical storage, and petroleum storage tanks.

A Fire Insurance Map Abstract Report was provided by ERIS. No map coverage was identified for the Subject Property. A copy of the report is attached.

5.3.5 Historical Environmental Reports

The ESA User provided Æ with a copy of an April 14, 1999 Transaction Screen Environmental Site Assessment report for the Subject Property when it was part of a larger parcel. The Transaction Screen was prepared by FES Environmental Consultants on behalf of Mr. Kahlil Nemer. The report identified the history for the Subject Property as residential and agricultural until it became vacant by at least 1999, the time of the report. No RECs were identified; however, the report noted the presence of four ASTs containing unidentified substances, oil cans, lubricants, paints, unknown fluids, and oily sludge on the floor of one of the barns. The location and conditions of the ASTs are not well defined; however, no stressed vegetation was observed anywhere on the Subject Property including near the ASTs at the time of the report. The report indicated that past agricultural use of the Subject Property likely involved use of herbicides, pesticides, and fuel; but no evidence that such usage had negatively impacted the Subject Property was observed or identified.

Although FES identified no RECs associated with the Subject Property, FES made the following recommendations:

- Removal and disposal of any chemicals and fluids remaining on the property;
- Conduct of asbestos and lead-based paint surveys due to the age of the buildings; and
- Evaluation of the vicinity of the former residence for a likely fuel oil UST.

5.3.6 Additional Historical Records

No other historical records were required to meet the ASTM E1527 Standard's prior Subject Property use requirements; however, the following additional sources were evaluated:

- Records were requested from LARA regarding the four ASTs identified in the 199 Transaction Screen as present on the Subject Property; however, no records of the tanks were located.
- The MI EGLE PEAS History and Incident Information list was searched for spill records associated with the Subject Property; however, no records were identified.

The lack of LARA and spill records indicates that it is unlikely a reportable spill occurred on the Subject Property.

5.3.7 Summary of Historical Uses of the Subject Property

Historically, the Subject Property was indicated as developed with a farmstead and used agriculturally since at least 1900. The farm buildings were expanded in the late 1930s and early 1940s. The farmhouse likely initially was serviced by a private water well and septic system and may have been heated by fuel oil contained in an UST or AST (the existence and location of which was not confirmed) until connection to municipal water and sewer and to natural gas services in the 1970s. The west barn was demolished by 1992, and the farmstead was identified as unused by 1999. The last building, excluding the remaining abandoned silo, was demolished by 2006. The Subject

5.3.8 Summary of Historical Uses of the Surrounding Area

The surrounding area was used primarily as cropland by at least 1937. Residential development increased in the area over time until the 1960s, when commercial development and redevelopment began. Commercial development increased through the 1990s. No off-site potential environmental concerns were identified.

5.4 Standard Federal, State and Tribal Environmental Records Sources

Æ reviewed the ASTM E1527 Standard federal, state, and tribal environmental record sources to assist in identifying releases and migration of petroleum products or hazardous substances. Records were obtained on May 11, 2023 using one or more of the following:

- Regulatory agency database search and mapping tools (including EGLE Environmental Mapper);
- Information requested directly from regulatory agencies; and
- Records compiled by a third-party environmental data mapping service (ERIS).

Records were searched using the approximate minimum search distances provided by the ASTM E1527 Standard. Additional environmental databases also were reviewed. The occurrence of the Subject Property or surrounding sites on one or more of the additional databases is not discussed unless the listing represents a potential environmental concern for the Subject Property. In some cases, records searches may not reflect accurately the actual distance between the Subject Property and an off-site regulatory listing. As necessary, Æ uses mapping tools and other resources to determine more accurately the distance of the Subject Property from off-site listings. Corrected distances may or may not be stated in this report.

Refer to the Appendices for complete reports of search results, search distances utilized, data sources, and the most recent data revision relied upon.

The following is a summary of the databases reviewed:

Regulatory Databases	Minimum Search Distances
ASTM-Required Databases	
Federal NPL	1 mile
Federal Delisted NPL	½ mile
Federal CERCLA list	½ mile
Federal CERCLA NFRAP	½ mile
Federal RCRA, CORRACTS	1 mile
Federal RCRIS non-CORRACTS TSD	½ mile
Federal RCRA Generators	Subject Property & Adjoining Sites
Federal Institutional Control/Engineering Control Registries	Subject Property
Federal ERNS list	Subject Property
State and Tribal NPL-equivalent	1 mile
State and Tribal CERCLIS-equivalent	½ mile
State and Tribal Landfill or Solid Waste Disposal Sites	½ mile

Regulatory Databases	Minimum Search Distances
State and Tribal LUST	½ mile
State and Tribal Registered Storage Tank Sites	Subject Property & Adjoining Sites
State and Tribal Institutional Control/Engineering Control Registry	Subject Property
State and Tribal Voluntary Cleanup Sites	½ mile
State and Tribal Brownfield Sites	½ mile

The ASTM E1527 Standard requires Environmental Professionals to evaluate off-site potential environmental concerns based on several factors, including property type and the distance substances are likely to migrate toward the Subject Property due to local geologic, hydrogeologic and other conditions. Based on Æ's evaluation of local conditions, records for sites with one or more of the following characteristics are not likely to represent potential environmental concerns:

- Sites greater than approximately 530 feet (the distance search for Tier 1 vapor encroachment screening under ASTM E2600) from the Subject Property generally represent unlikely concerns due to low risk of substance migration to the Subject Property; and/or
- Sites with records that do not indicate a past release; or
- Sites with records that indicate a “closed” or “no further action” status.

Off-site potential environmental concerns were evaluated further based on physical setting sources and other criteria:

- Groundwater flow direction in the area based on relative surface elevation, proximate surface water bodies, or other information obtained through this investigation;
- Urban density and/or separation from the Subject Property by features that may impede or divert contaminant migration such as buildings and roads, utilities, and surface water bodies;
- Channels and subsurface utilities that may serve as conduits for contaminant migration from an off-site source;
- Physiochemical properties of identified contaminants that influence contaminant fate and transport in soil, groundwater, and vapor phases;
- Physical characteristics of the subsurface such as permeability and the presence or absence of shallow groundwater; and/or
- Separation from the Subject Property by one or more previously investigated and/or closed sites.

After evaluating the above and other information included in this report, identified listings in the area of the Subject Property are not discussed or further investigated by reviewing additional information or agency files if the listings are considered to represent a low risk of a past release or unlikely migration of hazardous substances or petroleum products to the Subject Property.

5.4.1 Database Listings for the Subject Property

The Subject Property was not identified.

5.4.2 Database Listings for the Surrounding Area

No off-site potential environmental concerns were identified.

5.4.3 Vapor Encroachment Screen

Æ conducted a Vapor Encroachment Screen (VES) for those PECs identified previously that included non-petroleum volatile contaminants of concern and were located within 1,760 feet of the Subject Property and for those PECs identified previously that included petroleum volatile contaminants of concern and were located with 528 feet of the Subject Property, the default Areas of Concern (AOCs). Based on the Tier 1 VES protocol described in ASTM E2600-22, Æ modified the AOCs, generally as described following. For sources located downgradient from the Subject Property, sites located beyond ITRC critical distances of 100 feet for non-petroleum COCs and 30 feet for petroleum COCs are not considered to constitute VECs relative to the Subject Property. For sources located upgradient from the Subject Property, AOCs were modified based on Æ's experience relative to the hydrogeologic setting of the vicinity of the Subject Property, groundwater flow direction, subsurface characteristics including soil permeability, surficial features that may affect infiltration and recharge, man-made features such as intervening barriers or preferred conduits, and contaminant characteristics. VOC releases within critical distances or modified AOCs exceeding EGLE Volatilization to Indoor Air Screening Levels (VIASLs) were considered by Æ to constitute a REC.

No on-site or off-site conditions of likely Vapor Encroachment Condition (VEC) were identified.

6. INTERVIEWS

Interviews were conducted when appropriate and possible to assist in identifying environmental concerns associated with RECs. Information was requested related to the current and past use of the Subject Property and surrounding areas, presence of hazardous substances and petroleum products, and likelihood of general environmental concerns. Interviews were conducted as described following.

6.1 Interview with Owner

Mr. Newver, the current owner of the Subject Property, was interviewed by phone on May 17, 2023. Mr. Newver purchased the Subject Property in 1999 but does not recall from whom. Mr. Newver indicated that he purchased the Subject Property when it was part of a larger parcel and sold the east-adjointing portion of the parcel to the City of Swartz Creek in 2007. Additionally, Mr. Newver confirmed that he allows the City to store utility materials and equipment on the Subject Property, due to the Subject Property's accessibility from Bristol Road and its proximity to the east-adjointing City-owned park owned. When asked about any buildings on the Subject Property, Mr. Newver stated that he had no recollection of there being any buildings on the Subject Property at the time of his acquisition. Similarly, Mr. Newver had no recollection of the four aboveground tanks reported in the 1999 Transaction Screen Environmental Site Assessment. The lack of knowledge of the building and tanks likely indicates that those structures were removed after the time of the April 14, 1999 Transaction Screen report but before Mr. Newver purchased the Subject Property.

Note the 1999 Transaction Screen refers to the current owner as "Mr. Nemer;" however, during the phone interview, he spelled his name as "Newver."

The identities and contact information for previous owners was not provided to Æ. Information regarding historical uses of the Subject Property and regarding the potential for contamination at the Subject Property was obtained from other sources.

6.2 Interview with Key Site Manager

No key site manager was identified for the Subject Property.

The previous key site managers were unidentifiable for interview. Information regarding the potential for contamination at the Subject Property was obtained from other sources.

6.3 Interviews with Occupants

The Subject Property was not occupied.

Interviews with past occupants were not conducted, because information regarding the potential for contamination at the Subject Property was obtained from other sources.

6.4 Interviews with State and/or Local Government Officials

The ASTM E1527 Standard requires that a reasonable attempt be made to interview at least one official in a state and/or local health, fire or building department or similar government agency. In

lieu of a single interview with a state and/or local government official, FOIA requests were submitted to the county health department and municipal offices for records relating to environmental concerns as detailed in Section 4.2.

Interviews with state or local government officials were not conducted and are not considered necessary based on received FOIA responses.

6.5 Interviews with Others

The ESA User was interviewed via email on May 10, 2023, to determine responses to CERCLA AAI-stipulated questions, as documented in Section 3. The ESA User may be documenting additional CERCLA AAI responses separately.

Interviews of neighbors were not required because the Subject Property was not an abandoned property with evidence of potential unauthorized uses or evidence of uncontrolled access.

No other interviews were conducted.

7. EVALUATION

7.1 Environmental Conditions and Designation Definitions

The ASTM E1527 Standard provides formal definitions for RECs and other designations. For the purposes of this report, AEC relied on the definitions identified in ASTM Standard E1527-21 in its environmental assessment of the Subject Property and in its findings, opinions, and conclusions.

Designation	Definition
REC	Recognized Environmental Conditions – (1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. For the purposes of this definition, “likely” is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional and/or available evidence, as stated in the report to support opinions given therein.
CREC	Controlled Recognized Environmental Condition – recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).
HREC	Historical Recognized Environmental Condition – a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition.
DMC	De minimis condition – a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.
BER	Business Environmental Risk – a risk which can have material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. Consideration of BER issues may involve addressing one or more no-scope considerations....

7.2 Data Gaps and Deletions

Data gaps are defined by ASTM E1527 as *a lack of, or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.* The presence of data gaps may present the need to conduct further investigations of an intrusive or non-intrusive nature. Data gaps are not considered “significant” if they do not impact the Environmental Professional’s ability to identify RECs.

The date of potential initial residential or agricultural use was not determined; however, use of the Subject Property as cropland was identified by 1937, and structural development was farmhouse and barn was identified by 1900. This data gap was not regarded as a significant limitation and predates the common use of fuel oil, gasoline, and most industrial chemicals.

The heating system(s), if any, associated with the past development, if any, are unknown. Possible heating fuels may have included natural gas, kerosene, propane, electricity, coal, wood, or fuel oil. No indications of past fuel oil use or storage on the Subject Property were identified; and in Æ’s opinion, a past release of fuel oil on the Subject Property was unlikely. In the event of future discovery of a heating fuel tank, precautions should be taken to properly remove/close the tank.

No Significant Data Gaps (SDGs) or deletions were identified.

7.3 Findings and Opinions

Æ assessed the Subject Property and surrounding area to determine the likely presence of hazardous substances or petroleum products on the Subject Property due to a current release, a past release, or a material threat of a future release to the environment.

The evaluation included the following:

- Likelihood of a release;
- Likely magnitude of a release;
- Distance from the Subject Property;
- Which hazardous substances or petroleum products were likely to have been released;
- The migration potential of off-site releases of hazardous substances or petroleum products overland, in soil, in groundwater, or as soil vapor;
- Physical conditions of the Subject Property and surrounding area that may impede or facilitate migration of a release of hazardous substances or petroleum products; and
- Available records of previous environmental investigations.

7.3.1 Subject Property

A finding of on-site potential environmental concern is discussed following:

The Subject Property is known to have been used agriculturally for an extended period during the common use of hazardous substances and petroleum chemicals for pesticide formulation. Pesticides generally were formulated to adhere to plants and soils and resist leaching to

groundwater, thereby prolonging their effectiveness but also resulting in their persistence and accumulation over time. Because application of pesticides in accordance with manufacturers' instructions is not considered a "release" pursuant to CERCLA, **historical use of agricultural chemicals at the property is not considered to constitute a REC in connection with the Subject Property.**

7.3.2 Surrounding Sites

No findings of potential environmental concern associated with the surrounding sites were identified.

7.4 Conclusions

Æ has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of Vacant Parcel on Bristol Road, Swartz Creek, Michigan, the Subject Property. Any exceptions to, or deletions from, this Practice are described in Section 2.8 of this report. Æ has evaluated the results of the Phase I ESA research in concert with its extensive experience completing environmental assessments of similar sites. This assessment has revealed no Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), or Significant Data Gaps (SDGs) in connection with the Subject Property, as summarized following:

Condition	Conclusion
RECs:	This assessment has revealed no evidence of Recognized Environmental Conditions (including VECs) in connection with the Subject Property.
CRECs:	This assessment has revealed no evidence of CRECs in connection with the Subject Property.
HRECs:	This assessment has revealed no evidence of HRECs in connection with the Subject Property.
DMCs:	This assessment has revealed no evidence of DMCs in connection with the Subject Property.
Data Gaps:	No significant data gaps were encountered.

7.5 Opinions

In Æ's opinion, no additional investigations are warranted to support liability protection under Part 201 of Michigan Public Act 451, 1994, as amended, the NREPA.

The opinions provided by Æ are not necessarily the only acceptable alternatives for dealing with the identified environmental concern. Information known by the User but not conveyed to Æ, such as planned changes concerning property use, proposed renovations, capital or time constraints, and other business and legal variables, could alter Æ's opinions or pose prudent alternatives.

7.6 Recommendations

Recommendations are not required by the ASTM E1527 Standard; however, Æ has provided the following recommendations that should be evaluated by the ESA User.

Æ recommends no additional investigations at this time to support liability protection under Part 201 of Michigan Public Act 451, 1994, as amended, the NREPA.

Note that Part 201 of Michigan Public Act 451, 1994, as amended, the NREPA, provides environmental liability protection to the purchaser of a property impacted by contamination that has migrated from an off-site source if that person is not responsible for an activity causing a release. Generally, the need to investigate an off-site concern is evaluated in light of multiple factors including but not limited to the following:

- Intent to use the property as loan collateral and possible lender-specific requirements, such as environmental requirements of the Small Business Administration;
- The likelihood that groundwater will be dewatered during installation of subsurface storm sewers, basements, or similar activities; and/or
- Possible third-party actions relating to the presence of contamination.

Other conditions should be evaluated by the ESA User to determine if further investigation is warranted to evaluate business environmental risks.

8. NON-SCOPE SERVICES

8.1 Business Environmental Risk Assessment

In accordance with ASTM E1527, issues considered beyond the scope of a standard Phase I ESA include at least the following services: asbestos-containing materials unrelated to releases into the environment, biological agents, cultural and historical resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint unrelated to releases into the environment, lead in drinking water, mold or microbial growth conditions, PCB-containing building materials, naturally occurring radon, regulatory compliance, substances not defined as hazardous substances unless or until such substances are classified as a CERCLA hazardous substance, and wetlands. In addition, issues regarding ionizing radiation, oil/gas production, mineral rights and mining, and geotechnical suitability are considered beyond the scope of a standard Phase I ESA. Non-scope services that are determined during the course of this report to constitute a risk which can have material environmental or environmentally driven impact on the business associated with the current or planned use of the Subject Property are considered to be a Business Environmental Risk (BER).

Media Collection and Analysis

Unless otherwise explicitly stated, the scope of services for this Phase I ESA also did not include the collection or analysis of any environmental media.

8.1.1 Asbestos Containing Materials

By 1980, the United States Clean Air Act had banned the use of asbestos in many building materials including the following:

- Asbestos pipe insulation and asbestos block insulation on facility components, such as boilers and hot water tanks, if the materials are either pre-formed (molded) and friable or wet-applied and friable after drying;
- Spray-applied surfacing asbestos-containing materials; and/or
- Spray-on application of most materials to buildings, structures, pipes, and conduits.

Asbestos has not been banned in some other building materials, however, such as floor tiles, ceiling tiles, glue/mastic, and roofing materials.

OSHA requirements mandate identification of asbestos-containing building materials and completion of an Operation and Maintenance Plan for buildings constructed before 1980. According to the NESHAP, a building must be inspected (regardless of construction date) for asbestos prior to all renovation and demolition activities.

No buildings were located on the Subject Property. An asbestos assessment was not conducted. Should buried building debris be encountered during redevelopment of the Subject Property, the debris should be assessed for asbestos and other hazardous-substance content prior to management and disposal.

8.1.2 Lead-Based Paint Hazards

In 1977, the EPA banned the manufacture and use of lead-based paint and lead-based paint products. Current studies suggest that the primary sources of lead exposure for most children are deteriorating lead-based paint, lead contaminated dust, and lead contaminated residential soil.

No buildings were located on the Subject Property. A lead-based paint assessment was not conducted. Should buried building debris be encountered during redevelopment of the Subject Property, the debris should be assessed for lead-based paint coatings prior to management and disposal.

8.1.3 Microbial Growth and Moisture Intrusion

According to the 2009 World Health Organization (2009), the amount of water on or in materials is the most important trigger of the growth of microorganisms, including fungi, actinomycetes and other bacteria. Microbes propagate rapidly wherever water is available. The dust and dirt normally present in most indoor spaces provide sufficient nutrients to support extensive microbial growth. Microbial growth may result in greater numbers of spores, cell fragments, allergens, mycotoxins, endotoxins, β -glucans, and volatile organic compounds in indoor air. The causative agents of adverse health effects have not been identified conclusively; however, an excess level of any of these agents in the indoor environment is a potential health hazard.

No buildings were located on the Subject Property. A mold assessment was not conducted.

8.1.4 Wetlands

Wetlands generally are considered regulated (requiring a permit for any draining, dredging, or filling) if located within 500 feet of a surface water body or 1,000 feet of the Great Lakes and connecting waters. Wetlands larger than five acres and located in a county with a population of greater than 100,000 also are regulated.

Refer to Section 5.2.2 for discussion of wetland mapping resources.

A wetlands assessment was not conducted.

8.1.5 Potential Environmental Non-Compliance Issues

Potential environmental non-compliance issues may be identified with respect to federal, state and local environmental laws and regulations that pertain, for example, to hazardous waste generation, storage, and disposal, air emissions; wastewater and storm water discharges, etc.

An environmental non-compliance evaluation was not conducted.

8.1.6 Environmental Liens

The current perfected lien list published online by the EGLE Remediation and Redevelopment Division (RRD) was reviewed to determine if liens are documented on the Subject Property due to past environmental investigation and/or remediation activities. The list is updated only when the RRD has perfected a new lien on a property or has released a lien from a property.

The Subject Property was not identified.

8.1.7 Radon

Radon is a naturally occurring, colorless, odorless gas that is soluble in water. It is produced through the radioactive decay of uranium and radium, which is naturally present in soil and in minerals in bedrock. Radon is radioactive, which means that it breaks down or decays to form other elements. Radon concentrations generally differ among different rock types and can vary considerably within the same geologic formation. Radon moves from its source in rocks and soils through voids and fractures. It can enter buildings as a gas through foundation cracks or it can dissolve in groundwater and be carried to buildings through the use of water-supply wells. Buildings with basements and concrete slab foundations are more susceptible to elevated levels of indoor radon gas. The inhalation of radon gas can cause damage to lung tissue.

A common unit of radioactivity measurement is picocuries per liter (pCi/L). The USEPA established the recommended action level for radon at 4 pCi/L, based on average annual residential exposure.

The Subject Property is located in USEPA Radon Zone 2 (moderate potential), with average indoor radon concentrations between 2 and 4 pCi/L.

8.1.8 Other Business Environmental Risks

Improper solid waste dumping was noted on the southwestern portion of the Subject Property. Solid waste included common residential waste, some building materials, as well as automobile tires. Æ recommends that the User consider removing the tires along with the rest of the waste, recycling the waste when appropriate.

9. REFERENCES AND RESOURCES

- Apple, Beth A., and Howard W. Reeves, 2007, *Summary of Hydrogeologic Conditions by County for the State of Michigan*: U.S. Geological Survey, Open-File Report 2007-1236.
- ASTM International Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-13.
- ASTM International Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-21.
- ASTM International Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, E2600-15.
- EGLE Environmental Mapper, <https://www.mcgi.state.mi.us/environmentalmapper>.
- EGLE GeoWebFace, https://www.michigan.gov/egle/0,9429,7-135-3311_60700---,00.html.
- EGLE Perfected Environmental Liens, https://www.michigan.gov/documents/deq/deq-rrd-ce-PerfectedLienList_496199_7.pdf.
- EGLE Wellogic, <https://www.egle.state.mi.us/wellogic>.
- EGLE Wetlands Map Viewer, <https://www.mcgi.state.mi.us/wetlands/mcgiMap>.
- Farrand, W.R., 1982, *Quaternary Geology of Michigan*: University of Michigan and the Michigan Department of Environmental Quality, Geological Survey Division, reissued November 12, 1999 by the Michigan Department of Natural Resources, Land and Minerals Services Division, scale = 1:500,000.
- Federal Emergency Management Agency, Flood Map Service Center, <https://msc.fema.fov/portal/home>.
- Grannemann, N.G., F.R. Twenter, G.C. Huffman, and T.R. Cummings, 1985, *Michigan Ground-Water Resources*: U.S. Geological Survey Water-Supply Professional Paper 2275, p. 255-260.
- Michigan Department of Environmental Quality, Geological Survey Division, 1987, *Bedrock Geology of Michigan*, reissued November 12, 1999 by the Michigan Department of Natural Resources, Land and Minerals Services Division, scale = 1:500,000.
- Rockford Maps Publishing, <https://www.rockfordmap.com/>
- Section 107(b)(3) of the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C.A. § 9601 (CERCLA), as amended.
- United States Geological Survey, <https://www.usgs.gov>.

- United States Department of Agriculture, Natural Resources Conservation Service, Soil Survey, <https://websoisurvey.nrcs.usda.gov>.
- United States Fish and Wildlife Service National Wetlands Inventory, <https://www.fws.gov/wetlands>.
- PEAS EGLE MI, <https://www.michigan.gov/egle/contact/environmental-emergencies>

References to other relevant resources are provided in the body of the report and in the Appendices.

10. SIGNATURES AND QUALIFICATIONS

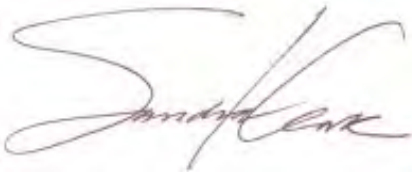
For those below who sign this document as an Environmental Professional, we declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professionals as defined in §312.10 of 40 CFR 312, and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Michael D. Smith, Environmental Professional,
Senior Technical Manager

June 2, 2023

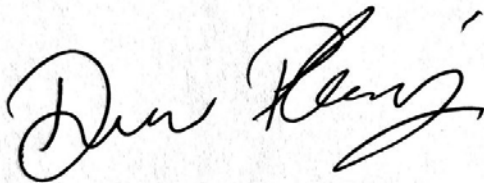
Date



Sandra K. Clark, Environmental Professional,
President

June 2, 2023

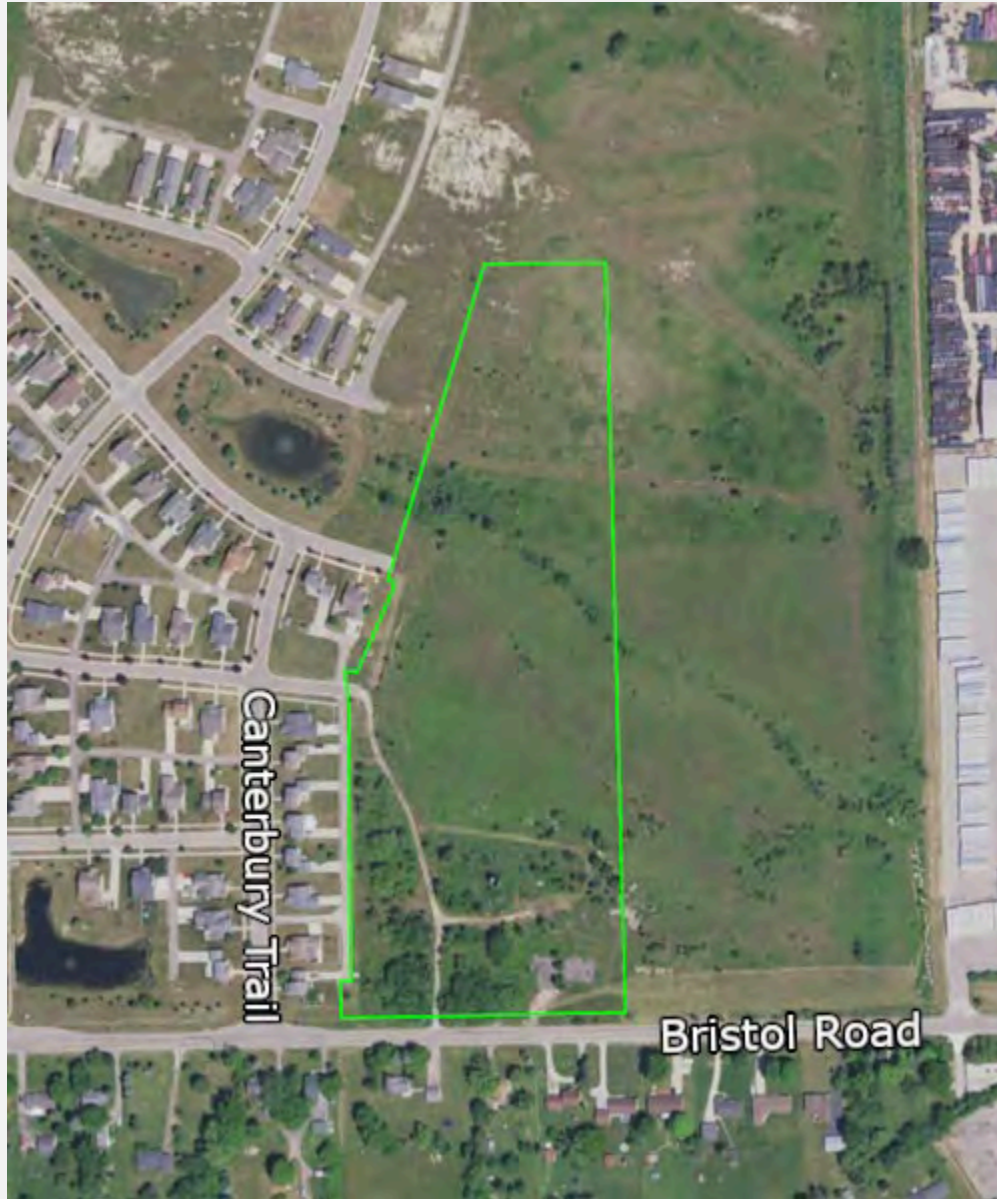
Date



Denada Planaj, Environmental Scientist,
Project Manager

June 2, 2023

Date



Property boundaries are approximate.
Source: USDA

Figure	Site Location Map	Date	Project Number	Direction
1	Vacant Property on Bristol Road Swartz Creek, Michigan	2020	23-10124A-715	↑ North



Property boundaries are approximate.

Source: USDA

ID	Address	Description
1	Not Available	Vacant Land
2	6162 Bristol Road	
3	6189-6232 Bristol Road	Single-family residential
4	3445-3495 Canterbury Trail	
5	6227-6235 St. Charles Pass	

Figure	Site Vicinity Map and Table	Date	Project Number	Scale	Direction
2	Vacant Property on Bristol Road Swartz Creek, Michigan	2020	23-10124A-715	None	↑ North



Applied EcoSystems, Inc.
Environmental Management, Consulting & Field Services

AERIAL PHOTOGRAPHS AND MAPS



Applied *Eco*Systems, Inc.
Environmental Management, Consulting & Field Services



HISTORICAL AERIALS

Project Property: Zettel/Stritmatter/15 Acres
Vacant Land/Swartz Creek
Bristol Road
Swartz Creek MI 48473

Project No: 23-10124715

Requested By: Applied EcoSystems, Inc.

Order No: 23050900308

Date Completed: May 09,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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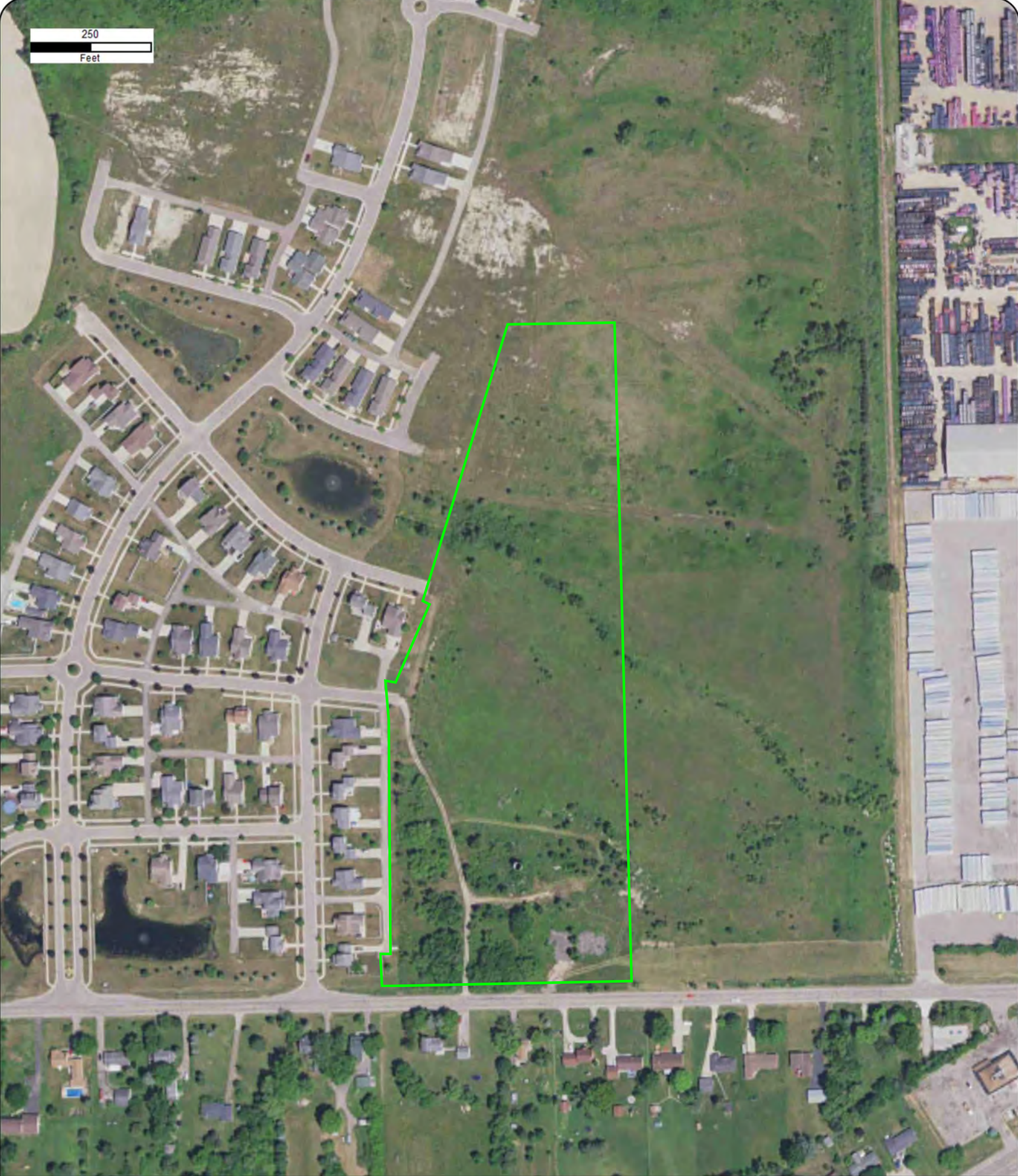
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2018	MAXAR TECHNOLOGIES	1" = 250'	
2016	United States Department of Agriculture	1" = 250'	
2014	United States Department of Agriculture	1" = 250'	
2012	United States Department of Agriculture	1" = 250'	
2010	United States Department of Agriculture	1" = 250'	
2009	United States Department of Agriculture	1" = 250'	
2006	United States Department of Agriculture	1" = 250'	
2005	United States Department of Agriculture	1" = 250'	
1998	United States Geological Survey	1" = 250'	
1992	United States Geological Survey	1" = 250'	
1983	United States Geological Survey	1" = 250'	
1975	United States Geological Survey	1" = 250'	
1966	United States Geological Survey	1" = 250'	
1964	Agricultural Stabilization & Conserv. Service	1" = 250'	
1953	Army Mapping Service	1" = 250'	
1941	Agricultural Stabilization & Conserv. Service	1" = 250'	
1937	Agricultural Stabilization & Conserv. Service	1" = 250'	

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Feet



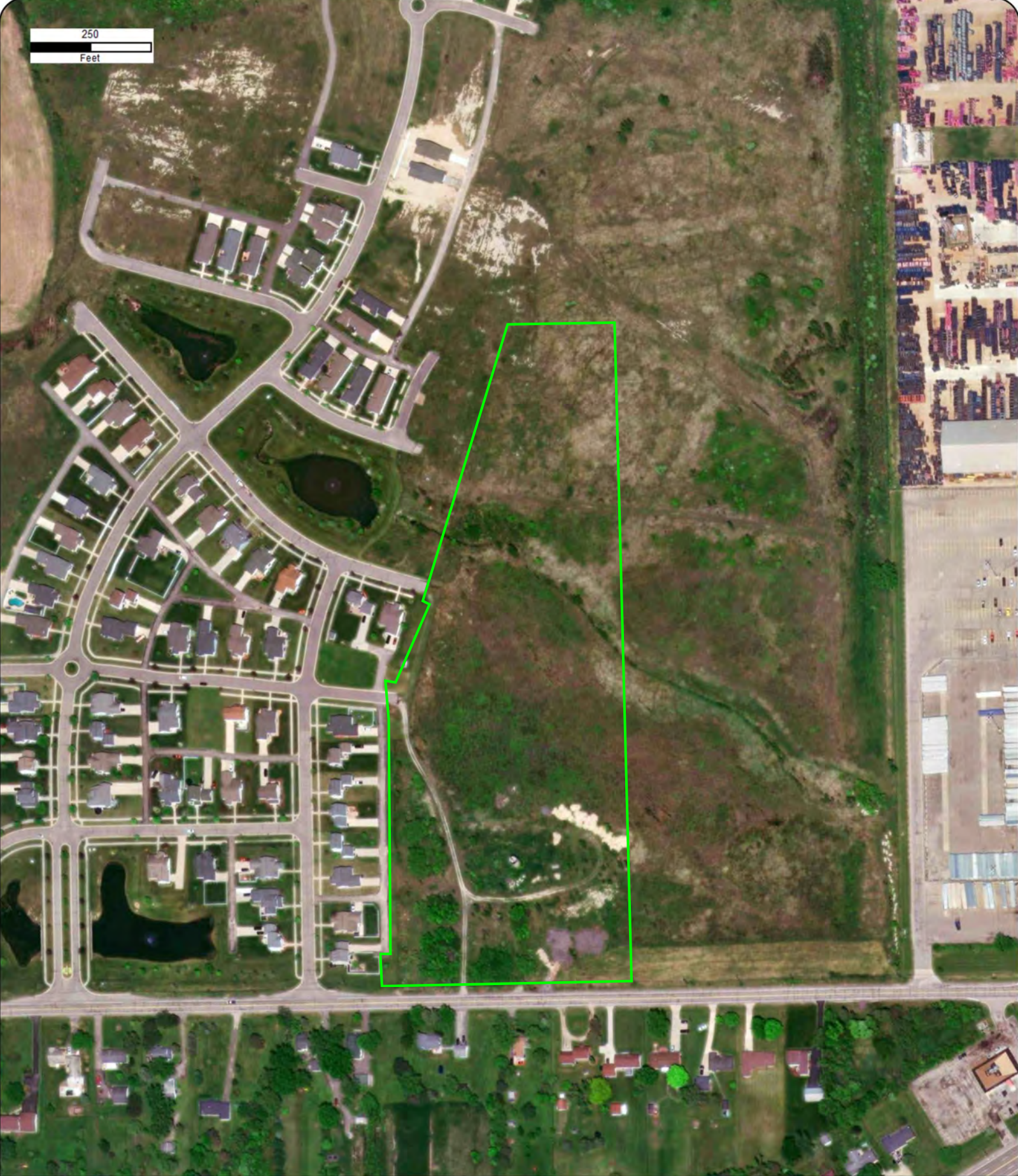
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Order No: 23050900308



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Feet



Year: 2018
Source: MAXAR
Scale: 1" = 250'
Comment:

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Approx Center: -83.79982462,42.97415557

Order No: 23050900308



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Feet



Year: 2016
Source: USDA
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 2014
Source: USDA
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



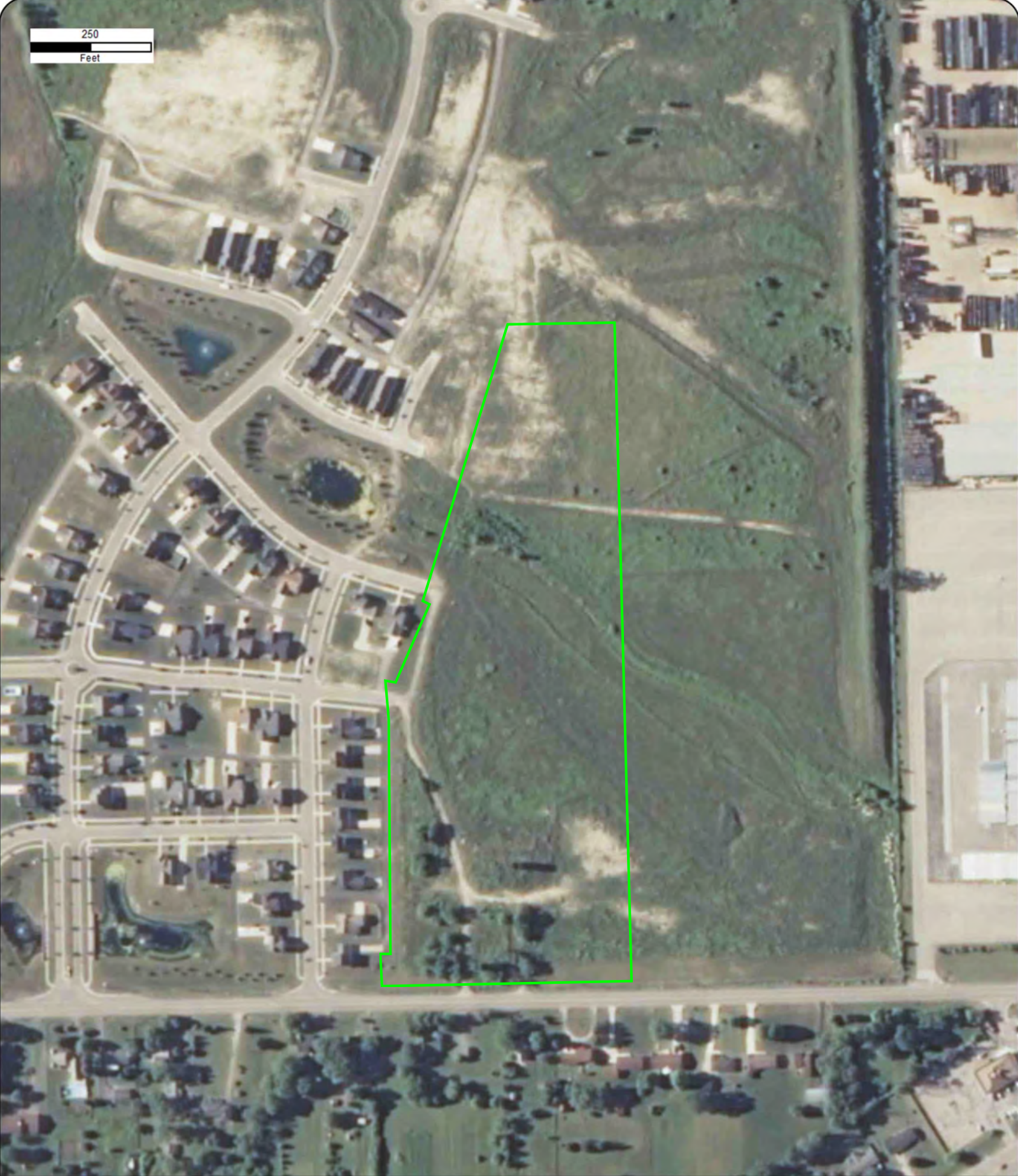
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Source: USDA
Scale: 1" = 250'
Comment:

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Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 2010
Source: USDA
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 2009
Source: USDA
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



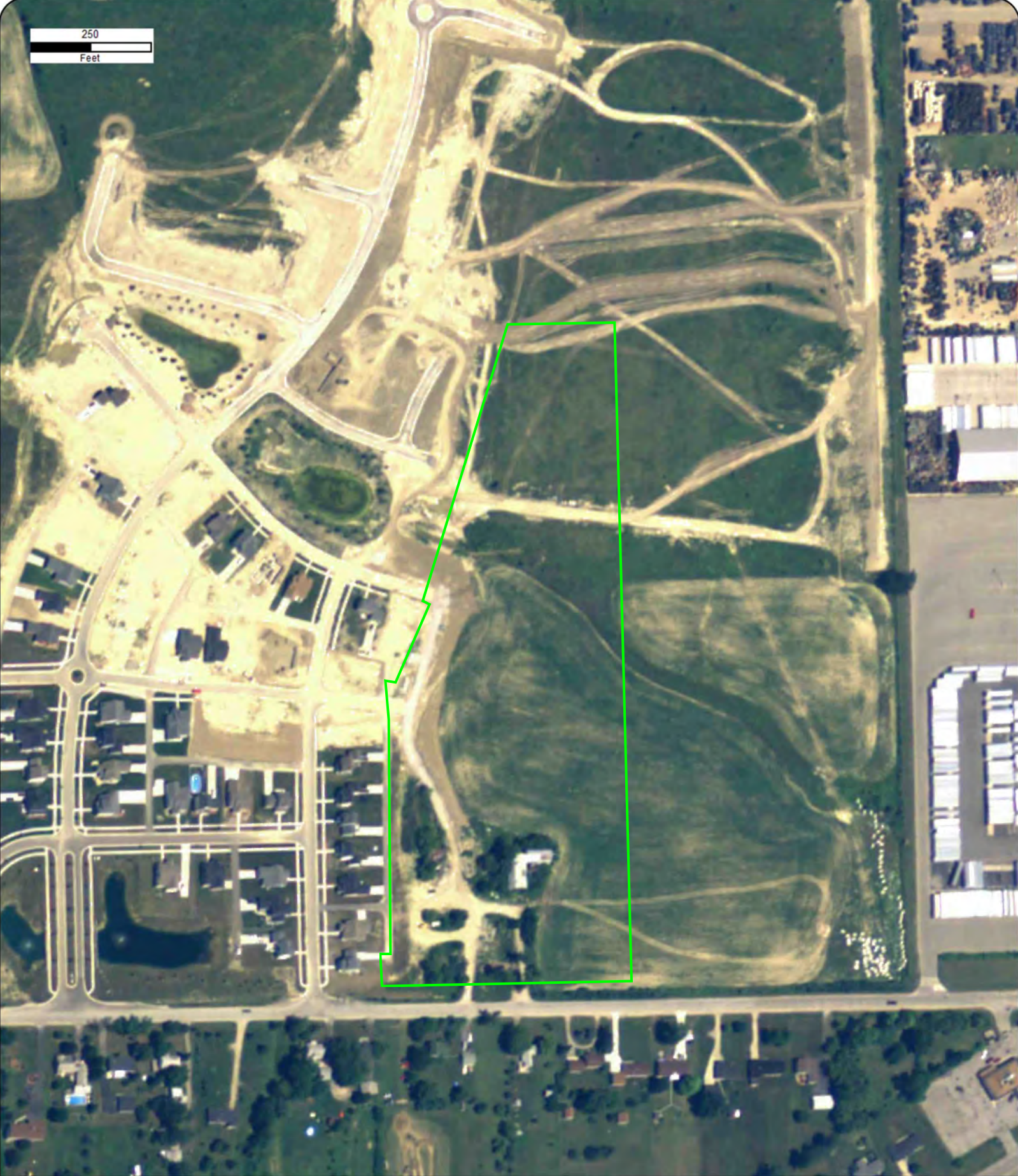
Year: 2006
Source: USDA
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 2005
Source: USDA
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



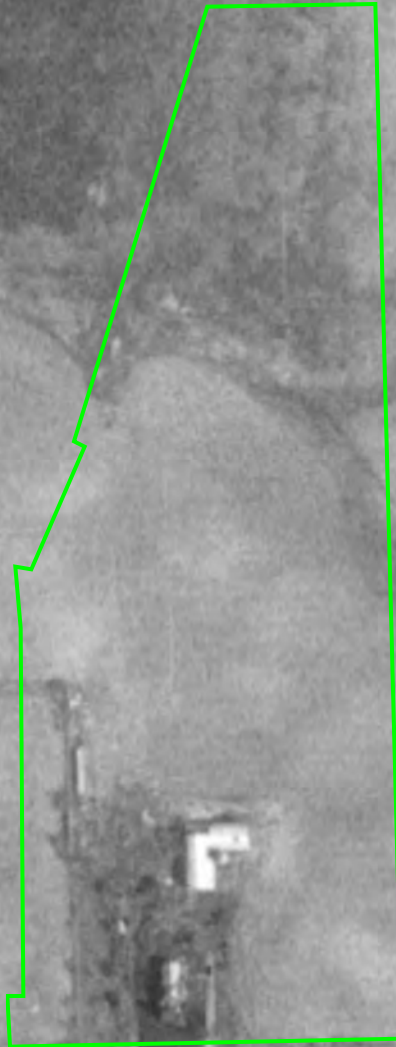
Year: 1998
Source: USGS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 1992
Source: USGS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 1983
Source: USGS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 1975
Source: USGS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet

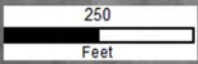


Year: 1966
Source: USGS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308





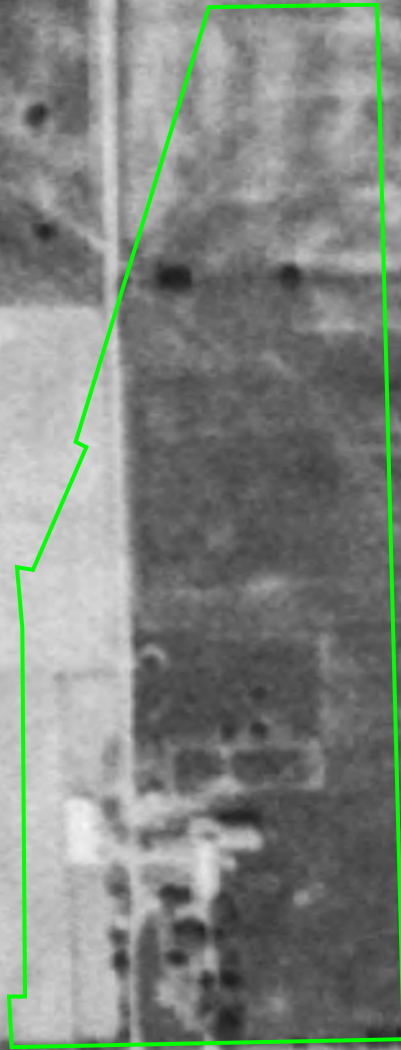
Year: 1964
Source: ASCS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 1953
Source: AMS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 1941
Source: ASCS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

Order No: 23050900308



250
Feet



Year: 1937
Source: ASCS
Scale: 1" = 250'
Comment:

Address: Bristol Road, Swartz Creek, MI
Approx Center: -83.79982462,42.97415557

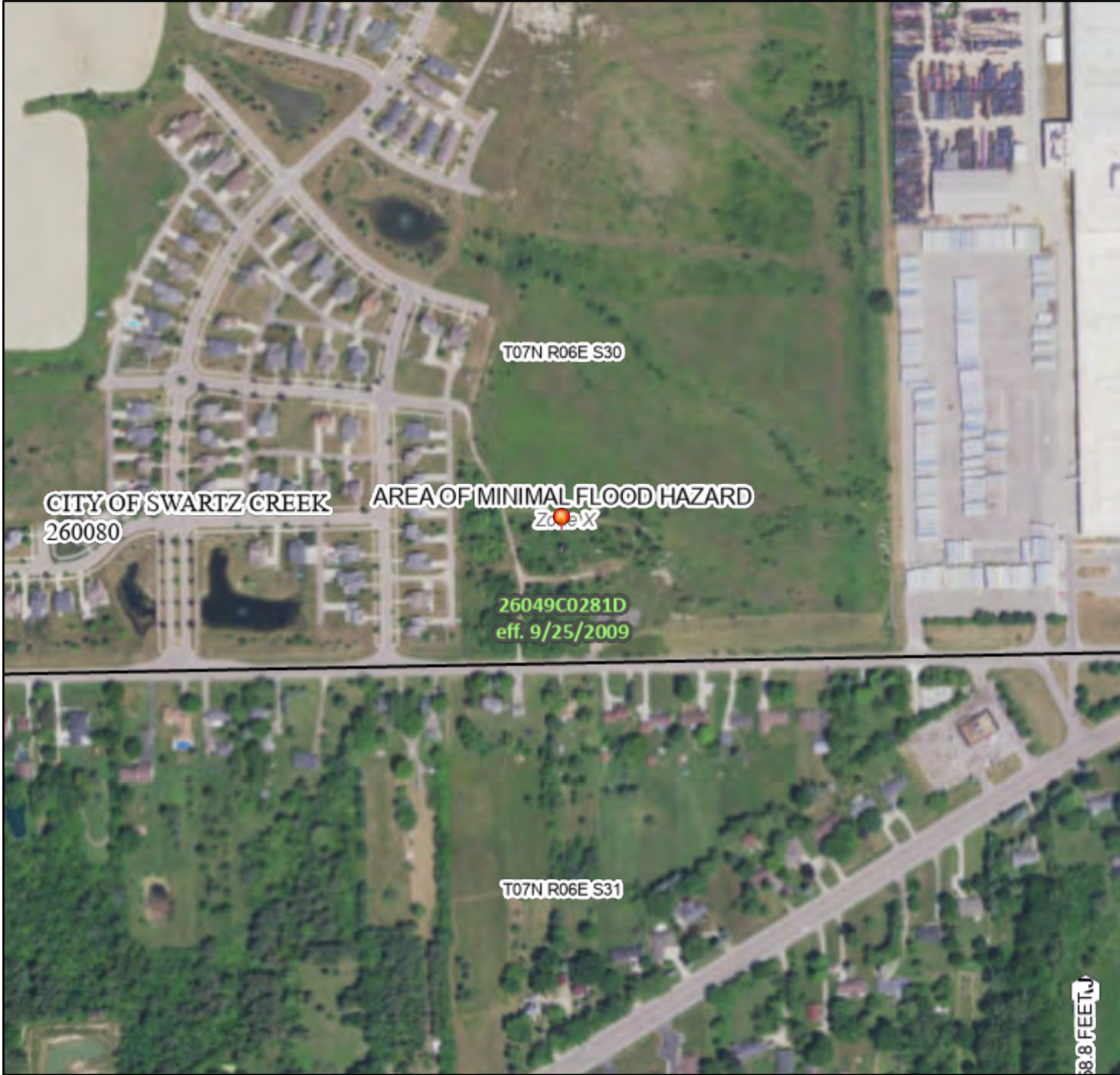
Order No: 23050900308



National Flood Hazard Layer FIRMette



83°48'18"W 42°58'37"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/9/2023 at 12:10 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



FIRE INSURANCE MAPS

Project Property: Zettel/Stritmatter/15 Acres Vacant Land/Swartz Creek
Bristol Road
Swartz Creek MI 48473

Project No: 23-10124715

Requested By: Applied EcoSystems, Inc.

Order No: 23050900308

Date Completed: May 09, 2023

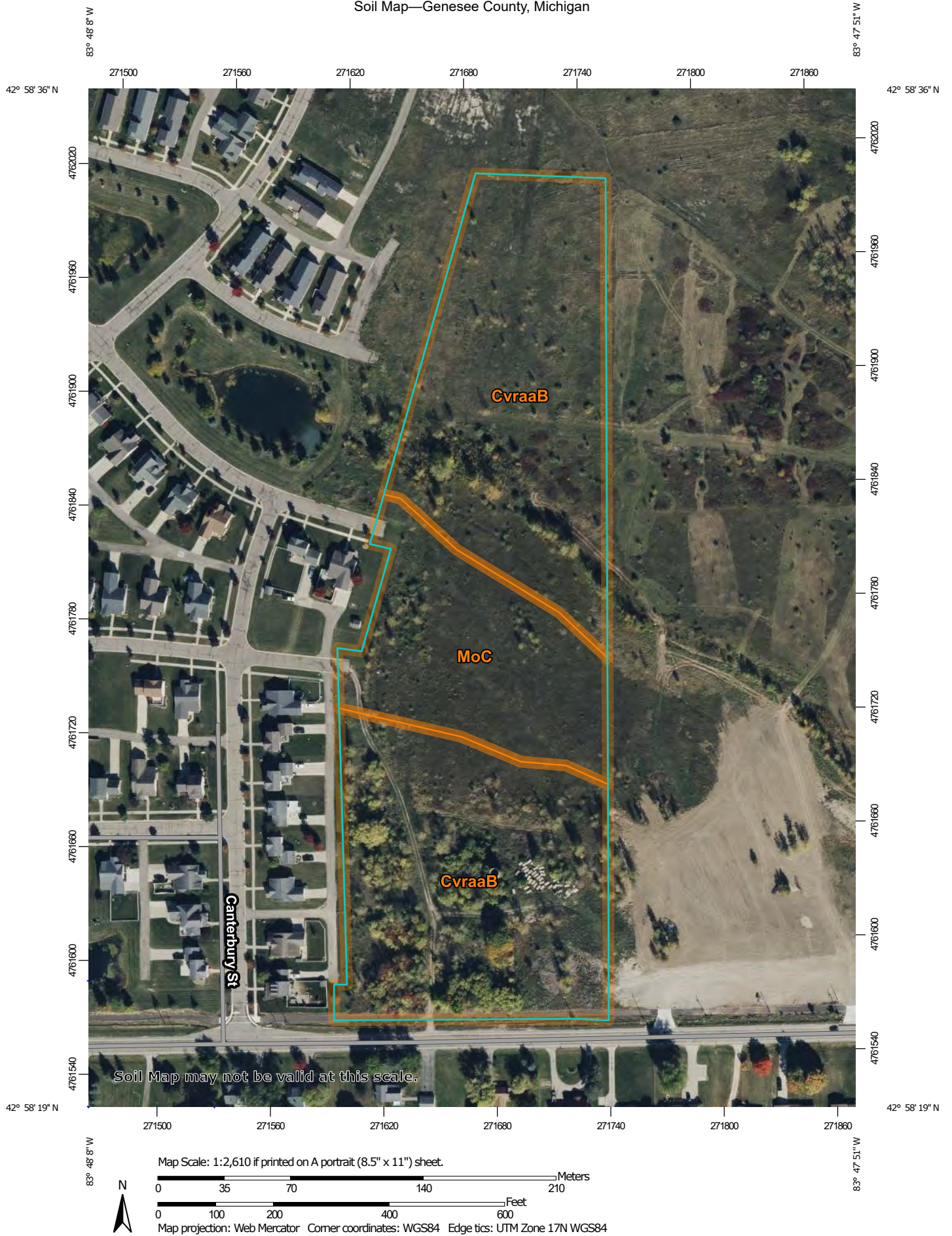
Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Soil Map—Genesee County, Michigan




**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey


5/9/2023
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Genesee County, Michigan

Survey Area Data: Version 18, Aug 29, 2022

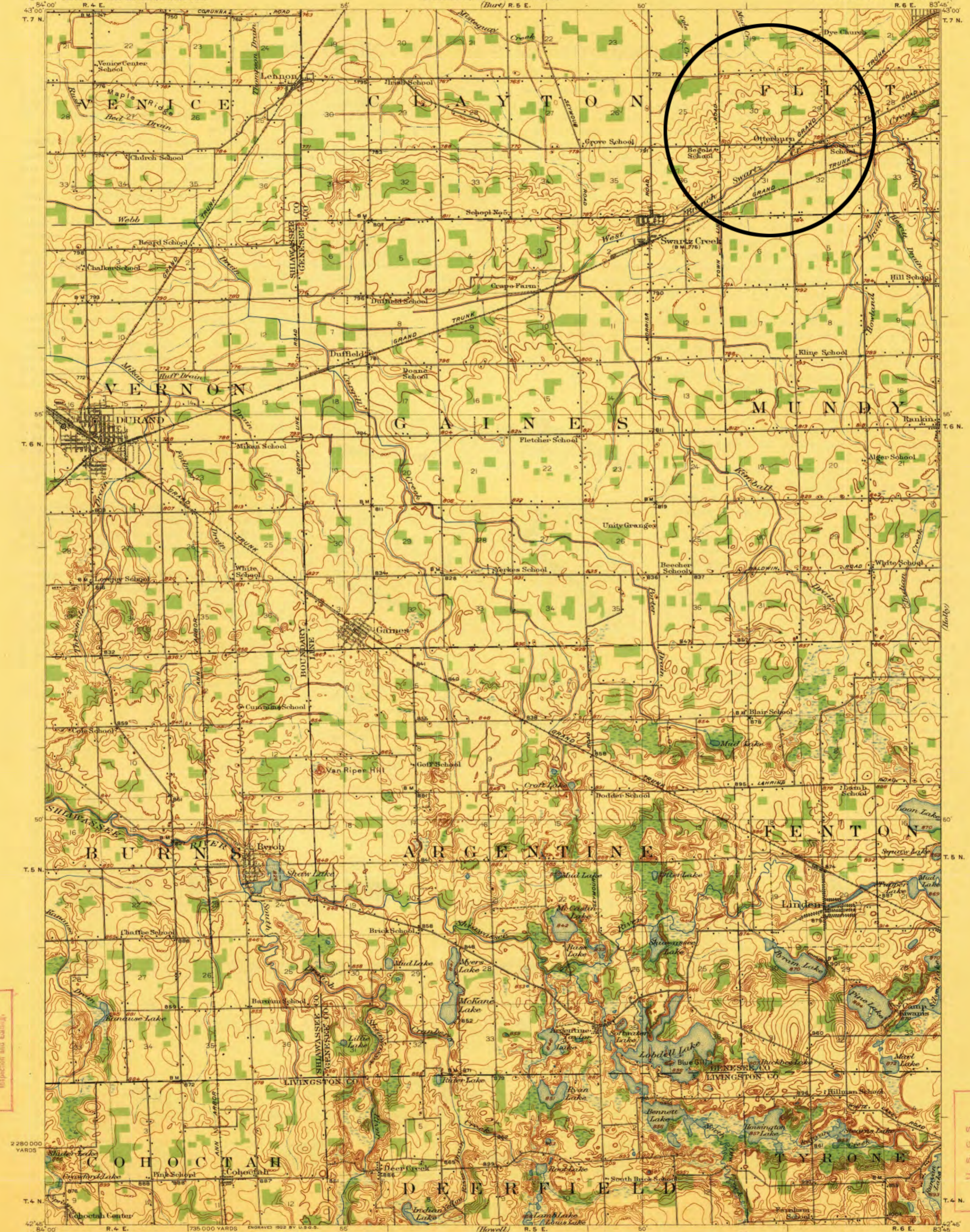
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 9, 2022—Oct 21, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

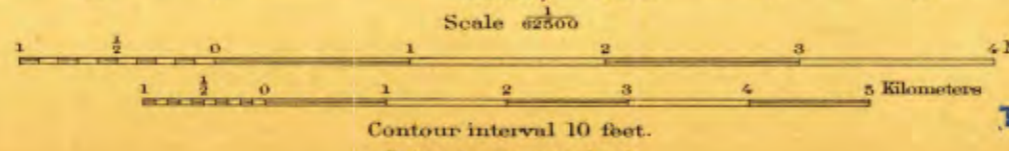
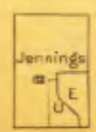
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CvraaB	Conover loam, 0 to 4 percent slopes	10.2	77.1%
MoC	Wawasee loam, 6 to 12 percent slopes	3.0	22.9%
Totals for Area of Interest		13.2	100.0%



U. S. G. S.
FILE COPY
Inspection and Editing

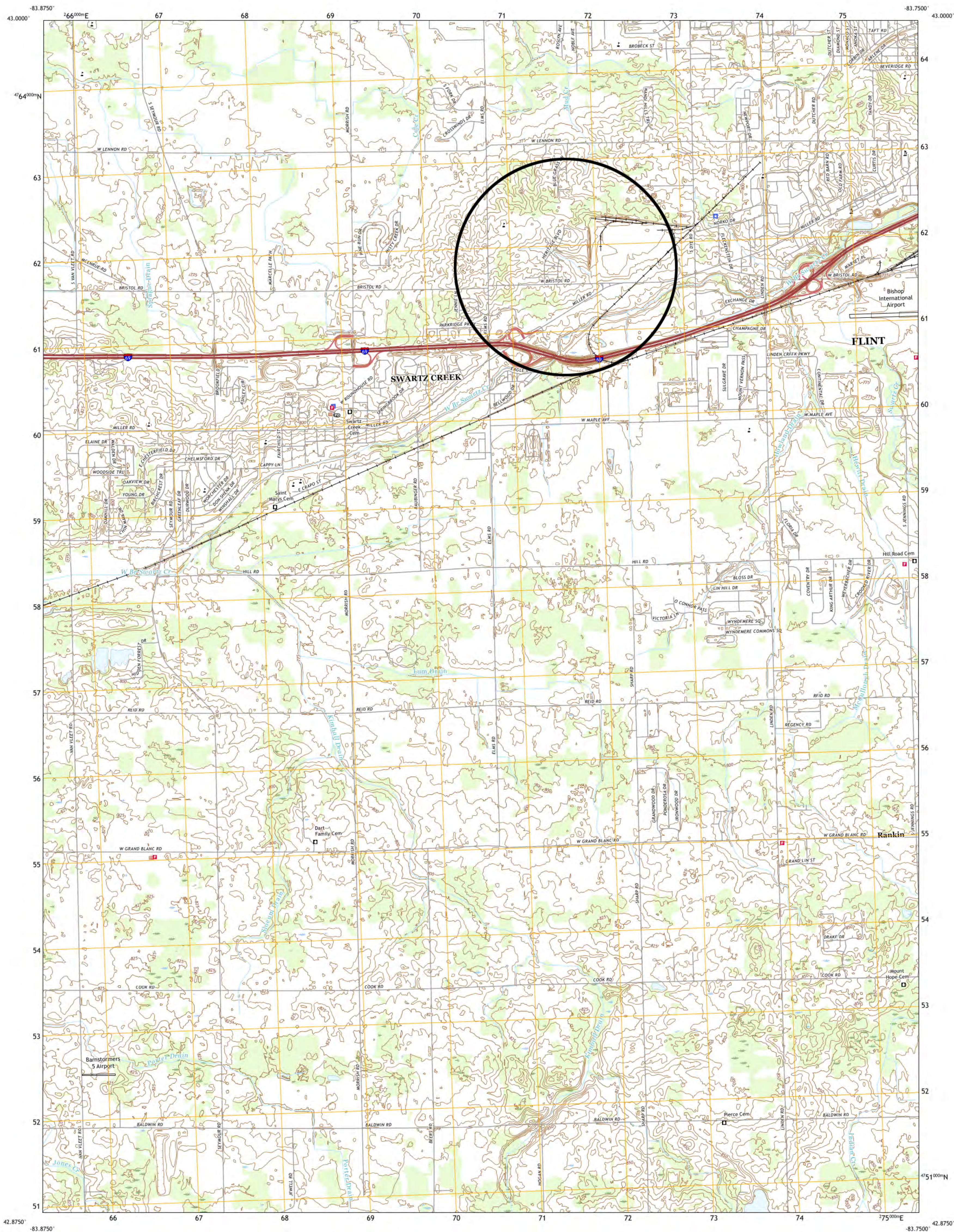
U. S. G. S.
FILE COPY
Inspection and Editing

C.M. Birdseye, Chief Topographic Engineer.
W.H. Herron, Topographic Engineer in charge.
Topography by J.H. Jennings, W.B. Upton, Jr.,
E.J. Essick, and A.L. Opdycke.
Control by Geo. T. Hawkins, J.H. Wilson, and E.E. Harris.
Surveyed in 1919-1920.



USGS
Historical
Topographic Division

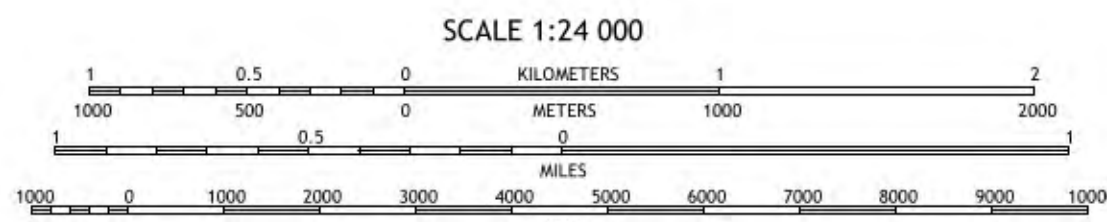
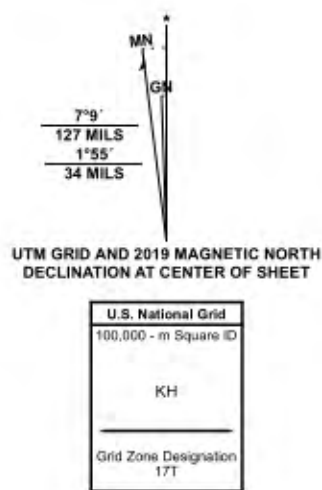
Polyconic projection, North American datum.
5000 yard grid based on zone B for P.M.M.
DCT 4-1922 3665
DURAND MICH.
Edition of 1922.



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 17T
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, July 2016 - October 2016
Roads.....U.S. Census Bureau, 2016
Names.....GNIS, 1980 - 2019
Hydrography.....National Hydrography Dataset, 2005 - 2019
Contours.....National Elevation Dataset, 2018 - 2019
Boundaries.....Multiple sources: see metadata file, 2017 - 2018
Public Land Survey System.....BLM, 2018
Wetlands.....FWS National Wetlands Inventory, 2005



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 New Lothrop
2 Flushing
3 Flint North
4 Durand
5 Flint South
6 Byron
7 Linden
8 Fenton

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route



U.S. Fish and Wildlife Service

National Wetlands Inventory





mapWetland



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

May 9, 2023

Wetlands

	Estuarine and Marine Deepwater		Freshwater Emergent Wetland		Lake
	Estuarine and Marine Wetland		Freshwater Forested/Shrub Wetland		Other
			Freshwater Pond		Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

LOCAL GOVERNMENT AND UTILITY RECORDS



Applied *Eco*Systems, Inc.
Environmental Management, Consulting & Field Services

810-715-2525 • G-4300 South Saginaw Street, Burton, Michigan 48529 • Fax: 810-715-2526 • www.AppliedEcoSystems.com

BRISTOL RD SWARTZ CREEK, MI 48473 (Property Address)
Parcel Number: 58-30-300-012

No Images Found

Property Owner: WOODSIDE BUILDERS, INC

Summary Information

- > Assessed Value: \$53,700 | Taxable Value: \$27,754
- > Building Department information found

> Property Tax information found

\$3.00 was charged to your Business Account for this record lookup. See [Account](#) for current balance.

Parcel is Vacant

Owner and Taxpayer Information

Owner	WOODSIDE BUILDERS, INC 6007 MILLER RD, STE 9 SWARTZ CREEK, MI 48473	Taxpayer	SEE OWNER INFORMATION
-------	---	----------	-----------------------

General Information for Tax Year 2022

Property Class	402 RESIDENTIAL-VACANT	Unit	58 CITY OF SWARTZ CREEK
School District	SWARTZ CREEK COMMUNITY SCHS	Assessed Value	\$53,700
MAP #	No Data to Display	Taxable Value	\$27,754
USER NUM IDX	0	State Equalized Value	\$53,700
USER ALPHA 1	Not Available	Date of Last Name Change	12/19/2017
USER ALPHA 3	Not Available	Notes	Not Available
Historical District	No	Census Block Group	No Data to Display
USER ALPHA 2	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	\$32,600	\$32,600	\$26,868
2020	\$30,100	\$30,100	\$26,498
2019	\$31,200	\$31,200	\$26,004

Land Information

Zoning Code	R-4	Total Acres	14.150
Land Value	\$107,400	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	05-SEC 31, 29, 32 & SEC 36 N OF	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

A PARCEL OF LAND BEG N 89 DEG 26 MIN 32 SEC E 197.49 FT FROM S 1/4 COR OF SEC TH N 0 DEG 29 MIN 01 SEC W 111.86 FT TH N 89 DEG 30 MIN 59 SEC E 20 FT TH N 0 DEG 29 MIN 01 SEC W 509.37 FT TH N 03 DEG 0 MIN 31 SEC W 60.83 FT TH S 83 DEG 32 MIN 45 SEC E 46.59 FT TH N 16 DEG 51 MIN E 181.18 FT TH N 73 DEG 09 MIN W 9 FT TH N 16 DEG 51 MIN E 616.33 FT TH N 89 DEG 26 MIN 32 SEC E 230.21 FT TH S 0 DEG 58 MIN 30 SEC E 1440 FT TH S 89 DEG 26 MIN 32 SEC W 535.15 FT TO PL OF BEG SEC 30 T7N R6E 14.15 A (18) FROM 58-30-300-011 SPLIT/COMBINED ON 12/19/2017 FROM 58-30-651-051, 58-30-300-011;

Land Division Act Information

Date of Last Split/Combine	12/19/2017	Number of Splits Left	3
Date Form Filed	No Data to Display	Unallocated Div.s of Parent	0
Date Created	12/19/2017	Unallocated Div.s Transferred	0
Acreage of Parent	14.33	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.						

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



Genesee County GIS

Parcel Report: 58-30-300-012

5/9/2023
11:22:41 AM



Property Address

BRISTOL RD
SWARTZ CREEK, MI, 48473

Owner Address

WOODSIDE BUILDERS, INC
--
6007 MILLER RD, STE 9
SWARTZ CREEK, MI 48473

Unit:	58
Unit Name:	CITY OF SWARTZ CREEK

General Information for 2022 Tax Year

Parcel Number:	58-30-300-012
----------------	---------------

Property Class:	402
Class Name:	--
School Dist Code:	25180
School Dist Name:	SWARTZ CREEK SCHOOLS
PRE 2021:	0%
PRE 2022:	0%

Assessed Value:	\$53,700
Taxable Value:	\$27,754
State Equalized Value:	\$53,700

Legal Description

A PARCEL OF LAND BEG N 89 DEG 26 MIN 32 SEC E 197.49 FT FROM S 1/4 COR OF SEC TH N 0 DEG 29 MIN 01 SEC W 111.86 FT TH N 89 DEG 30 MIN 59 SEC E 20 FT TH N 0 DEG 29 MIN 01 SEC W 509.37 FT TH N 03 DEG 0 MIN 31 SEC W 60.83 FT TH S 83 DEG 32 MIN 45 SEC E 46.59 FT TH N 16 DEG 51 MIN E 181.18 FT TH N 73 DEG 09 MIN W 9 FT TH N 16 DEG 51 MIN E 616.33 FT TH N 89 DEG 26 MIN 32 SEC E 230.21 FT TH S 0 DEG 58 MIN 30 SEC E 1440 FT TH S 89 DEG 26 MIN 32 SEC W 535.15 FT TO PL OF BEG SEC 30 T7N R6E 14.15 A (18) FROM 58-30-300-011

Application Use and Disclaimer

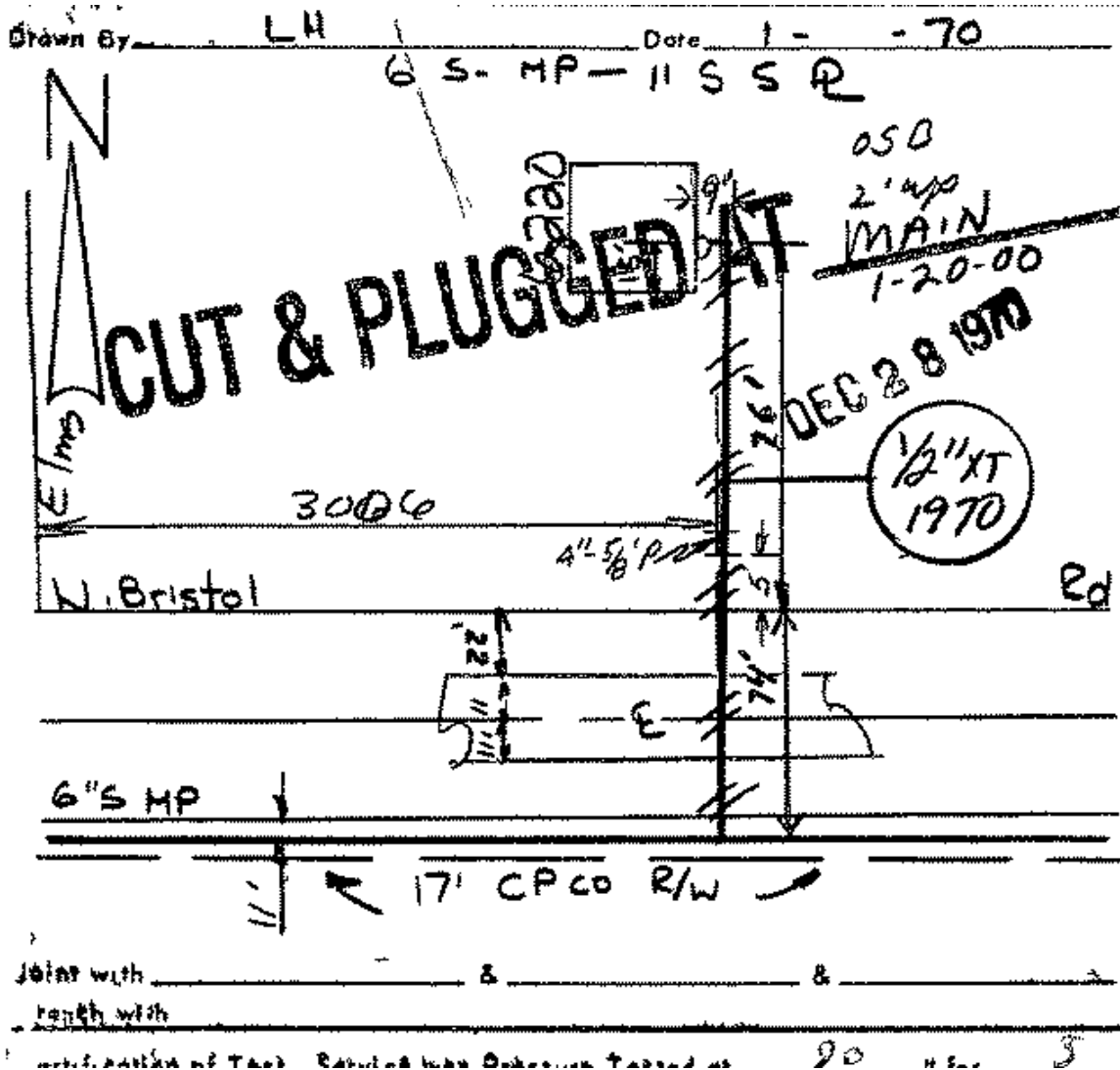
This map is neither a legally recorded map nor a survey and is not intended to be used as such. The information on Genesee County websites, are distributed and transmitted 'as is' without warranties of any kind, either expressed or implied, including without limitations, warranties of title or implied warranties of merchantability or fitness for a particular purpose. Genesee County does not guarantee the accuracy, timeliness, or completeness of the information on this website.

GIS/Mapping Disclaimer

The Geographic Information System (GIS) made available through this website is developed and maintained by Genesee County. Use of materials and information constitutes acceptance of all disclaimers associated with these websites. GIS data is not the official record of the County. This data is made available for information purposes only!

Address: **6220 W BRISTOL RD, SWARTZ CREEK**Gas Service Extension: **None** , Inserted: **None** , Year Installed:

Previous



Notice: This information is for design purposes only and is not reliable for construction. All locations are approximate, facilities may have been added and/or altered after any revision or as-printed date, and service lines may not be shown. Field staking is available at no charge by calling MISS DIG (800-482-7171) three working days in advance of the digging, and the precise location and depth of all underground facilities must be identified in accordance with the MISS DIG Act, PA 174 of 2013 as amended, and any other applicable law or ordinance. Use of these maps does not relieve the user of any legal duty to comply with all applicable laws or ordinances. Consumers Energy shall be consulted before any action is taken on the basis of this map, and the map must be destroyed when no longer needed.



72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

FOR QUESTIONS CONCERNING THIS MAP
PLEASE CALL 1-877-240-9602

CONSUMERS ENERGY
UNDERGROUND PLANT
ALL LOCATIONS ARE APPROXIMATE.
SERVICES ARE NOT SHOWN. LOCATIONS
WILL BE VERIFIED BY STAKING UPON REQUEST.

07-56-30-3

ISSUED BY Gas Information Management
ON 04-29-23. FACILITIES MAY HAVE BEEN ADDED
AFTER MAP PRINTED DATE THEREFORE,
CONSUMERS ENERGY SHALL BE CONSULTED
BEFORE ANY ACTION IS TAKEN ON THE BASIS
OF THIS MAP. THIS MAP TO BE DESTROYED
WHEN NO LONGER NEEDED.



07-56-31-1

NINE PATTERNS/SECTIONS 6 5 4 3 2 1 7 2 9 10 1 12 18 17 16 15 14 13 19 20 21 22 23 24 30 3 28 27 4 25 31 32 33 34 35 36		 Gas Information Management GAS DISTRIBUTION MAP		QUARTER SECTION MAP TOWN - RANGE - SECTION - 1/4 07-56-30-4	
TOWNSHIP: FLINT COUNTY: GENESEE HEADQUARTERS: EASTERN			SCALE: Varies EXCEPT FOR DETAILS	REQUEST DATE 04-29-23	REQUESTED BY RECPOST
This map has been plotted and approved by the GIM Conversion Team: _____ by _____					

07-56-29-3

07-56-30-1



Applied *Eco*Systems, Inc.

Environmental Management, Consulting, and Field Services
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: (810) 715-2525 FAX: 844-368-3642

FACSIMILE COVER PAGE

To: City of Swartz Creek Clerk
ATTN: Building, Fire, Assessor & Public Works
Departments

From: Nick Mata
Project No: 23-10124A-715

Email: colger@cityofswartzcreek.org

Date: May 9, 2023

Phone: 810-635-4464 Ext 25

Number of pages (including cover): 2

RE: Freedom of Information Act Request (FOIA)

Applied *Eco*Systems is conducting an environmental investigation of the following site:

Vacant Land on Bristol Road (PID: 58-30-300-012)
Swartz Creek, Michigan

We are requesting copies of any records or any known information that you may have relating to the known or possible past occurrence on the site of the following:

Building:

- Building Permits
 - Indicators of potential environment concerns:
 - Storage tanks
 - Fuel dispensers
 - Paint booths
- Wells
- Septic systems
- Site Plans

Fire:

- Response activities
- Hazardous substances
- Petroleum substances
- Past uses that may have involved hazardous substances or petroleum substances including the following:
 - Manufacturing activity
 - Dry cleaning
 - Gas station and/or bulk fuel storage
 - Private vehicle refueling
 - Vehicle repair

CONFIDENTIALITY NOTICE

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- Known chemical spills or releases

Assessor:

- Tax Assessors Records
 - Property Tax Cards
 - Historical Record Cards

Public Works (Water and Sewer):

- Original water and sewer connection dates
- Date water and sewer were available to the area
- If the above is not available, does current city ordinance require new construction to be connected to water and sewer at the time of construction?

We appreciate your time and attention to this request. Please fax/email your response to the person below to expedite processing if possible. Your response should indicate whether you have or do not have any requested information. If you have questions, or do not receive this document in its entirety, please contact us immediately.

Thank you,
Applied *Eco*Systems, Inc.
research@appliedecosystems.com
Phone: (810) 744-1110
Fax: (844) 368-3642

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Subject: RE: FOIA Request



firechief@scafd.com <firechief@scafd.com>
to Connie Olger

Tue, May 9, 7:24 PM (6 days

You are viewing an attached message. Applied Eco Systems Mail can't verify the authenticity of attached messages.

Good evening,

A review of our records, I find no incidents in that area for the past 10 years.

Dave

From: Connie Olger <colger@cityofswartzcreek.org>

Sent: Tuesday, May 9, 2023 2:13 PM

To: Dave Plumb (firechief@scafd.com) <firechief@scafd.com>

Subject: FW: FOIA Request

Dave

Can you look at the attached FOIA and provide the information requested under the bullet point Fire.

Thanks

Connie Olger

City Clerk

City of Swartz Creek

8083 Civic Drive

Swartz Creek, MI 48473

810.635.4464 general office

810.635.2887 fax

This communication, along with any documents, files or attachments, is intended only for the use of the addressee and may contain legally privileged and confidential information. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of any information contained in or attached to this communication is strictly prohibited. If you have received this message in error, please notify the sender immediately and destroy the original communication and its attachments without reading, printing or saving in any manner. This communication does not form any contractual obligation on behalf of the sender or the City of Swartz Creek and, when applicable, the opinions expressed here are my own and do not necessarily represent those of the City.



A research <research@appliedecosystems.com>

FOIA Response - Bristol Rd Swartz Creek1 message

Traver, Kristyne <KTraver@geneseecountymi.gov>

Wed, May 10, 2023 at 4:02 PM

To: "research@appliedecosystems.com" <research@appliedecosystems.com>

Cc: "MacMillan, Brian" <BMacMillan@geneseecountymi.gov>

Hello,

This is in response to your FOIA request dated May 10, 2023 to the Genesee County Health Department, Environmental Division, for copies of public records under the Michigan Freedom of Information Act (the "Act").

I understand your request to be regarding the vacant property on Bristol Rd, Swartz Creek, MI, specifically for Well and Septic records.

In responding to your request, I worked closely with and relied on information from Mr. Jeff Kost of the Genesee County Health Department, Environmental Health Division. Your request is denied for the reason that no records exist in the files of Genesee County, by that name or any other name reasonably known to this public body, which non-existence, based upon information received from Mr. Kost, I hereby certify.

To the extent this response constitutes a denial of your request, you have the right to submit a written appeal to the Chairperson of the Genesee County Board of Commissioners that specifically states the word "appeal" and which identifies the reason or reasons for reversal of the disclosure denial. You are further advised that you have the right to seek judicial review of such denial and obtain attorney's fees and damages to the extent provided in, and subject to the conditions of, section 10 of the Act ("Section 10"). A copy of Section 10 is attached and is incorporated in this response by reference.

Copies of the County's FOIA Policy and Procedure and its FOIA Summary are available at:

http://www.gc4me.com/departments/board_of_commissioners_1/freedom_of_information/index.php.

Thank you.

*****Sent on behalf of Senior Assistant Prosecuting Attorney, Brian D. MacMillan, FOIA Coordinator*****

Kristyne Traver

Paralegal, Corporation Counsel

Genesee County Prosecutor's Office

900 S Saginaw St Ste 102

Flint MI 48502

810-257-3050

810-257-3219 fax

ktraver@geneseecountymi.gov

Confidentiality Notice: This e-mail may contain confidential and privileged information. If you have received this message by mistake, please notify me immediately by replying to this message or telephoning me, and do not review, disclose, copy, or distribute it. Thank you!

2 attachments



FOIA_health_out.pdf
60K



SECTION 10.doc.pdf
10K



Applied EcoSystems, Inc.

Environmental Management, Consulting, and Field Services
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: (810) 715-2525 FAX: 844-368-3642

FACSIMILE COVER PAGE

To: Genesee County Health Division

From: Nick Mata

Project No: 23-10124A-715

Email: eh@geneseecountymi.gov

Date: May 9, 2023

Phone: 810-257-3612

Number of pages (including cover): 2

RE: Freedom of Information Act Request (FOIA)

Applied EcoSystems is conducting an environmental investigation of the following site:

Vacant Land on Bristol Road (PID: 58-30-300-012)

Swartz Creek, Michigan

We are requesting copies of any records or any known information that you may have relating to the known or possible past occurrence on the site of the following:

- Septic systems
- Wells
- Hazardous substances
- Petroleum substances
- Past uses that may have involved hazardous substances or petroleum substances including the following:
 - Manufacturing activity
 - Dry cleaning
 - Gas station and/or bulk fuel storage
 - Private vehicle refueling
 - Vehicle repair
- Known chemical spills or releases

We appreciate your time and attention to this request. Please fax/email your response to the person below to expedite processing if possible. Your response should indicate whether you have or do not have any requested information. If you have questions, or do not receive this document in its entirety, please contact us immediately.

Thank you,

Applied EcoSystems, Inc.

research@appliedecosystems.com

Phone: (810) 744-1110

Fax: (844) 368-3642

CONFIDENTIALITY NOTICE

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message solely to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately.



Nick Mata <nmata@appliedecosystems.com>

FW: Order Confirmation E-mail - Order ID: 4618453

1 message

jcypher@appliedecosystems.com <jcypher@appliedecosystems.com>
To: Nick Mata <nmata@appliedecosystems.com>

Wed, May 10, 2023 at 12:37 PM

23-10124A-715 FOIA payment

From: ServiceCenter@oakgov.com <ServiceCenter@oakgov.com>
Sent: Wednesday, May 10, 2023 12:35 PM
To: jcypher@appliedecosystems.com
Subject: Order Confirmation E-mail - Order ID: 4618453

Order/Payment Confirmation

Genesee County Health Department
[630 S. Saginaw St., Ste. 4](#)
[Flint MI 485021540](#)

Payment Information:

Credit Type: VisaCard
Last 4 Digits: 9332
Sandra Clark
[G-4300 South Saginaw Street](#)
[Burton MI 48529](#)
[USA](#)
jcypher@appliedecosystems.com
Phone: (810) 715-2525

Thank you for your order/payment. Your order number is: 4618453, received on 05/10/2023.

You have ordered/made payment for the following:

Product/Item	Unit Price	Qty	Total
1) GC RECORD INQUIRY ID 2571709		1	\$5.00
			<hr/>
			Total \$5.00
			Service Fee \$2.50

Grand Total \$7.50

Your credit card/bank statement will reflect two transactions with the following information:

COUNTY OF GENESEE \$5.00

g2gcharge.com Service Fee \$2.50

[Contact G2G Cloud Solutions](#)

If you have any questions, please call the Genesee County Health Department Online Services Consumer Helpline at 810-257-3630

Please print this e-mail for your records.



A research <research@appliedecosystems.com>

FOIA Request :: R111605-051723

1 message

MI LARA FOIA Center <michiganlara@govqa.us>

Thu, May 18, 2023 at 7:46 AM

To: "research@appliedecosystems.com" <research@appliedecosystems.com>

--- Please respond above this line ---

GRETCHEM WHITMER
GOVERNORSTATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSINGORLENE HAWKS
DIRECTOR

May 18, 2023

RE: PUBLIC RECORDS REQUEST of 5/17/2023, Reference # R111605-051723.

Dear Requester:

The Michigan Department of Licensing and Regulatory Affairs (LARA) has received your May 17, 2023 request for records and has processed it under the provisions of the Michigan Freedom of Information Act (FOIA), [1976 PA 442](#), MCL 15.231 *et seq.*

You requested the following, in summary:

"Any records for tanks at 6220 [West Bristol Rd, Swartz Creek, MI, 48473](#)."

Your request has been denied. Please see comments below. **Please also note that a list of underground storage tank information in the possession of LARA may now be accessed via the following link: [Underground Storage Tank Information](#).**

Comments:

LARA certifies that, to the best of LARA's knowledge, information, and belief, the records/information requested does not exist within LARA under the description given or another reasonably known to LARA. MCL 15.235(5)(b).

As to the denial of your request, under section 10 of the FOIA, MCL 15.240, LARA is obligated to inform you that you may do the following:

1) Appeal this decision in writing to Appeals Officer Adam Sandoval, Department of Licensing and Regulatory Affairs, P.O. Box 30004, Lansing, MI 48909. The writing must specifically state the word "appeal" and must identify the reason or reasons you believe the denial should be reversed. The head of the Department or her designee must respond to your appeal within 10 business days of its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.

2) Commence an action in the Court of Claims within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

If you have questions concerning this matter, please email us at larafoiinfo@michigan.gov.

To review a copy of LARA's written public summary, procedures, and guidelines, please visit www.michigan.gov/larafoia.

Sincerely,

Sarah Cruz

LARA FOIA Office

HISTORICAL ADDRESS DIRECTORY REPORT



Applied *Eco*Systems, Inc.
Environmental Management, Consulting & Field Services



CITY DIRECTORY

Project Property: *Zettel/Stritmatter/15 Acres Vacant Land/Swartz Creek
Bristol Road
Swartz Creek, MI 48473*

Project No: *23-10124715*

Requested By: *Applied EcoSystems, Inc.*

Order No: *23050900308*

Date Completed: *May 11, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

May 11, 2023
RE: CITY DIRECTORY RESEARCH
Bristol Road
Swartz Creek, MI 48473

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

BEG-6400 of Bristol Rd
ALL of Canterbury Trl

Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2007	DIGITAL BUSINESS DIRECTORY	
2002	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1995	BRESSERS	
1990	BRESSERS	
1985	BRESSERS	
1980	BRESSERS	
1976	BRESSERS	
1971	POLKS	
1967	POLKS	
1963	POLKS	
1960	POLKS	

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

6149 MARIA PAPALAZAROU...RESIDENTIAL
6179 YOUSSEF ABOUSAMARA...RESIDENTIAL
6199 SHAWN COOK...RESIDENTIAL
6211 JACK CRAMER...RESIDENTIAL
6257 MAUREEN STEFFEN...RESIDENTIAL
6269 LINDA OLLER...RESIDENTIAL
6289 REBECCA COTNOIR...RESIDENTIAL
6299 WILLIAM REEDY...RESIDENTIAL
6319 ROY CUMMINGS...RESIDENTIAL
6337 KEVIN WEST...RESIDENTIAL
6353 RICHARD HENRY...RESIDENTIAL
6383 CATHERINE MC LEOD...RESIDENTIAL
6413 ROYAL LAUER III...RESIDENTIAL

3445 RONALD GUTHRIE...RESIDENTIAL
3457 SCOTT KURTIK...RESIDENTIAL
3482 DAVID NEMER...RESIDENTIAL
3490 PAUL COLLIVER...RESIDENTIAL
3491 KEITH LANGE...RESIDENTIAL
3495 CODY DOYLE...RESIDENTIAL

6149 ELENI PAPALAZAROU...RESIDENTIAL
6159 KIMBERLY SEELYE...RESIDENTIAL
6179 YOUSSEF ABOUSAMARA...RESIDENTIAL
6199 SANDRA COOK...RESIDENTIAL
6211 JACK CRAMER...RESIDENTIAL
6257 MAUREEN STEFFEN...RESIDENTIAL
6269 LINDA OLLER...RESIDENTIAL
6319 BEVERLY CUMMINGS...RESIDENTIAL
6363 ERIK VANNORWICK...RESIDENTIAL
6383 CATHERINE MC LEOD...RESIDENTIAL
6413 KEN LAUER...RESIDENTIAL

3482 DAVID NEMER...RESIDENTIAL
3490 PAUL COLLIVER...RESIDENTIAL
3491 KEITH LANGE...RESIDENTIAL
3495 GRACE RAMOS...RESIDENTIAL

6149 MARIA PAPALAZAROU...RESIDENTIAL
6159 KIMBERLY SEELYE...RESIDENTIAL
6169 BETTY WISCHMEYER...RESIDENTIAL
6179 HOUSAM ABOUSAMRA...RESIDENTIAL
6179 YOUSSEF ABOUSAMARA...RESIDENTIAL
6199 SHAWN COOK...RESIDENTIAL
6211 JACK CRAMER...RESIDENTIAL
6269 LINDA OLLER...RESIDENTIAL
6319 BEVERLY CUMMINGS...RESIDENTIAL
6319 ROY CUMMINGS...RESIDENTIAL
6363 ERIK VANNORMICK...RESIDENTIAL
6413 KEN LAUER...RESIDENTIAL
6413 MICHELLE LAUER...RESIDENTIAL
6413 ROYAL LAUER III...RESIDENTIAL

3457 KELLY KURTIK...RESIDENTIAL
3457 SCOTT KURTIK...RESIDENTIAL
3461 CAMERON STUMM...RESIDENTIAL
3461 LAURA STUMM...RESIDENTIAL
3482 DAVID NEMER...RESIDENTIAL
3482 ERIKA NEMER...RESIDENTIAL
3490 ROBERTA COLLIVER...RESIDENTIAL
3491 KEITH LANGE...RESIDENTIAL
3495 GRACE RAMOS...RESIDENTIAL

6149 MITRA PAPALAZAROU...RESIDENTIAL
6149 PAPALAZAROU MARIA...RESIDENTIAL
6159 GENEVEVE HAVRILCSAK...RESIDENTIAL
6159 GREGORY HAVRILCSAK...RESIDENTIAL
6159 MICHAEL HAVRILCSAK...RESIDENTIAL
6169 BETTY WISCHMEYER...RESIDENTIAL
6169 SIL WISCHMEYER...RESIDENTIAL
6179 YOUSSEF ABOUSAMARA...RESIDENTIAL
6189 JOHN WARLAND...RESIDENTIAL
6199 SANDRA COOK...RESIDENTIAL
6199 SHAWN COOK...RESIDENTIAL
6247 DAVID OBRIEN...RESIDENTIAL
6247 MARK OBRIEN...RESIDENTIAL
6247 SUSAN OBRIEN...RESIDENTIAL
6257 MAUREEN STEFFEN...RESIDENTIAL
6269 LINDA OLLER...RESIDENTIAL
6309 JESSICA SOWA...RESIDENTIAL
6309 STEPHEN SOWA...RESIDENTIAL
6309 TERRI SOWA...RESIDENTIAL
6353 JOANN HENRY...RESIDENTIAL
6353 RICHARD HENRY...RESIDENTIAL
6383 MARY LAUER...RESIDENTIAL
6413 KEN LAUER...RESIDENTIAL
6413 MICHELLE LAUER...RESIDENTIAL
6413 ROYAL LAUER...RESIDENTIAL

3457 SCOTT KURTIK...RESIDENTIAL
3474 EDITH SCRAGG...RESIDENTIAL
3482 ERIKA NEMER...RESIDENTIAL
3490 PAUL COLLIVER...RESIDENTIAL
3491 AMY BARNES...RESIDENTIAL
3491 AMY JENKINS...RESIDENTIAL
3491 MICHAEL BARNES...RESIDENTIAL
3491 PAUL BARNES...RESIDENTIAL
3495 CELESTE RAMOS...RESIDENTIAL
3495 CELESTE VANTIL...RESIDENTIAL
3495 PHILIP VANTIL...RESIDENTIAL
3495 RICHARD VANTIL...RESIDENTIAL
3495 STEVE VAN TIL...RESIDENTIAL
3495 STEVEN VAN TIL...RESIDENTIAL
3495 STEVEN VANTIL...RESIDENTIAL

6149 M PAPALAZAROU...RESIDENTIAL
6159 MICHAEL HAVRILCSAK...RESIDENTIAL
6169 S H WISCHMEYER...RESIDENTIAL
6179 YUSUF ABOUSAMRA...RESIDENTIAL
6199 JOHN R WARLAND...RESIDENTIAL
6231 DANIEL WILSON...RESIDENTIAL
6247 MARK J O'BRIEN...RESIDENTIAL
6257 STEVEN & MAUREEN STEFFEN...RESIDENTIAL
6269 EDWARD OLLER...RESIDENTIAL
6289 CARL NEAL...RESIDENTIAL
6289 DENISE ARB...RESIDENTIAL
6309 STEPHEN SOWA...RESIDENTIAL
6337 JEFF & KAREN GOODRICH...RESIDENTIAL
6353 RICHARD HENRY...RESIDENTIAL
6383 M F LAUER...RESIDENTIAL
6413 ROYAL K LAUER...RESIDENTIAL

NO LISTING FOUND

1224 CLYDE A HAMILTON...RESIDENTIAL
1328 PHILIP H BEAUVAIS...RESIDENTIAL
5131 ROBERT M SODERSTROM...RESIDENTIAL
5134 ROGER BAZZELL...RESIDENTIAL
6159 MICHAEL HAVRILCSAK...RESIDENTIAL
6169 S H WISCHMEYER...RESIDENTIAL
6199 JOHN R WARLAND...RESIDENTIAL
6211 MICHAEL D BENSINGER...RESIDENTIAL
6220 FRANK G SABO...RESIDENTIAL
6231 BARTH TRECHA...RESIDENTIAL
6247 MARK J OBRIEN...RESIDENTIAL
6257 JOS JR TRECHA...RESIDENTIAL
6269 EDWARD OLLER...RESIDENTIAL
6289 CARL NEAL...RESIDENTIAL
6309 STEPHEN SOWA...RESIDENTIAL
6319 GERALD GATH...RESIDENTIAL
6337 CURTIS FARROW...RESIDENTIAL
6353 RICHARD HENRY...RESIDENTIAL
6353 SARAH HENRY...RESIDENTIAL
6363 DAVID A COPELAND...RESIDENTIAL
6383 M F LAUER...RESIDENTIAL
6413 ROYAL K LAUER...RESIDENTIAL

NO LISTING FOUND

1224 CLYDE A HAMILTON...RESIDENTIAL
1328 PHILIP H BEAUVAIS...RESIDENTIAL
5131 ROBERT M SODERSTROM...RESIDENTIAL
5134 ROGER BAZZELL...RESIDENTIAL
6060 G M SERVICE PARTS OPERATIONS
6159 MICHAEL HAVRILCSAK...RESIDENTIAL
6169 S H WISCHMEYER...RESIDENTIAL
6199 JOHN R WARLAND...RESIDENTIAL
6211 MICHAEL D BENSINGER...RESIDENTIAL
6220 FRANK G SABO...RESIDENTIAL
6231 BARTH TRECHA...RESIDENTIAL
6247 MARK J OBRIEN...RESIDENTIAL
6257 JOS JR TRECHA...RESIDENTIAL
6269 EDWARD OLLER...RESIDENTIAL
6289 CARL NEAL...RESIDENTIAL
6309 STEPHEN SOWA...RESIDENTIAL
6319 GERALD GATH...RESIDENTIAL
6337 CURTIS FARROW...RESIDENTIAL
6353 RICHARD HENRY...RESIDENTIAL
6353 SARAH HENRY...RESIDENTIAL
6363 DAVID A COPELAND...RESIDENTIAL
6383 M F LAUER...RESIDENTIAL
6413 ROYAL K LAUER...RESIDENTIAL

NO LISTING FOUND

STREET NOT LISTED

BRISTOL RD				
Swartz Creek PO				
	6000-	6061	CT 127.02	\$B..F 2
	6062-	6999	CT 127.01	\$B..E 1
	7000-	7087	CT 127.02	\$B..F 2
E	7088-	8148	CT 127.01	\$B..E 1
O	7089-	8147	CT 127.02	\$B..F 2
	8149-	10499	CT 127.01	\$B..E 1
RR 7				48473
6149	6199	6211	. . . . .	NP
6269	Edward Oller	. . . . .	.90	635-8012
6319	6353	. . . . .	NP	
6363	David A Copeland	. . . . .	.94	635-3653
6427	6449	6457	6467 .	NP

STREET NOT LISTED

●

BRISTOL RD

SWTZ CK

●●●●●●R R 7●●●●●● 48473

6149 6199 6211 6319 NP

6353 6427 6449 6457 NP

6467 LESLIE W BARKER 5 6354783

6473 STEVEN A JADWIN 8 6358187

6491 6499 7018 7025 NP

STREET NOT LISTED

●	BRISTOL RD	SWTZ CK
●●●●●●	R R 7●●●●●●	48473
6060	*UNITED AUTO WRKRS	6353430
6199	NP	
6211	ANTHONY L ST JAMES9	6353031
6353	NP	
6427	HENRY F THORNE	□6357815
6449	KATHRYN ELLINGTON 2	6357205
	THOMAS R LOUGHEED 2	6357862
6457	NP	
6467	LESLIE BARKER	□6354783

STREET NOT LISTED

BRISTOL RD SWTZ CK
.....R R 5..... 48473
6060*UNITED AUTO WRKRS #6353430
6199 NP
6211 ANTHONY L ST JAMES9 6353031
6353 NP
6449 DOUGLAS A HISCCCK #6357286
A V LOUGHEAD 9 6357725
6457 NP
6467 MILTON SCHEFFLER 9 6353452
6491 EUGENE N LINDSTROM9 6357018
6499 HARRY F VANWCERT #6352342

STREET NOT LISTED

● BRISTOL RD SWTZ CK
.....R R 5..... 48473
6060*UNITED AUTO WORKRS 6353430
6199 NP
6211 WAYNE NELSON 4 6353031
6353 NP
6449 M R CHABICA □6352503
6457 JOHN F VITOVSKY 5 6352385
6491 MICHAEL J HAMMOND □6357960
6499 RICHARD ARNDT 4 6359867
7018 JAMES G ADAMS JR 4 6359358

STREET NOT LISTED

S LINDEN RD INTERSECTS

MILLER RD INTERSECTS

DYE RD INTERSECTS

G6060 General Motors Parts Div 635-5000

6133 Owen Oliver G © 635-9246

G6159 Batey Foy E © 635-3019

6169 Wischmeyer Silverius H © 635-9428

6179 Barrett Edgar M © 635-3385

6199 Warland John R © 635-9028

6211 Brakora Martin ©

6220 Sabo Frank G © 635-3451

6231 Trecha Barth J © 635-9248

6247 Trecha Joseph F © 635-9220

6257 Trecha Joseph P Jr © 635-9264

6289 Neal Carl © 635-9166

6309 Trecha John A © 635-9242

6337 Farrow Curtis A © 635-9261

6353 Welch Murray © 635-9230

C6383 Book John L © 635-9153

6413 Shurter Herman A © 635-3828

6449 Collins Bryan

A Mc Namara Michl G 635-7593

B Vacant

6460 Fields Guy © 635-9624

6499 Arndt Richd H © 635-9867

131

STREET NOT LISTED

---S LINDEN RD INTERSECTS
---MILLER RD INTERSECTS
---DYE RD INTERSECTS
G6060 CHEVPOLET NATIONAL PARTS
DISTRIBUTION CE5-7511
6133 OWEN OLIVER G 635-9246
6169 WISCHMEYER SILVERIUS H •
635-9428
6179 BARRETT EDGAR M • 635-3385
6199 WARLAND JOHN R 635-9028
6211 BRALORA MARTIN •
6220 SABO FRANK G • 635-3451
6231 TRECHA BARTH J • 635-9248
6247 TRECHA JOSEPH F • 635-9220
6257 TRECHA JOSEPH P • 635-9264
6289 NEAL CARL • 635-9166
6309 TRECHA JOHN A • 635-9242
6337 FARROW CURTIS A 635-9261
6353 WELCH MURRAY • 635-9230
6413 GRAWBURG ELBERT N • 635-9840
6460 FIELDS GUY R • 635-9624
7449 SOUTHEPN JIMMIE R 635-7784
6499 MORGAN RUDDOLPH 635-9236
ARNDT RICH D H • 635-9867
7618 HOGGE HANFORD • 635-9111

1963

BRISTOL RD

SOURCE: POLKS

VEY 2004
G4481 CROCKER SCHOOL 234-8428

S LINDEN RD INTERSECTS

1963

CANTERBURY TRL

SOURCE: POLKS

STREET NOT LISTED

RANGE NOT LISTED

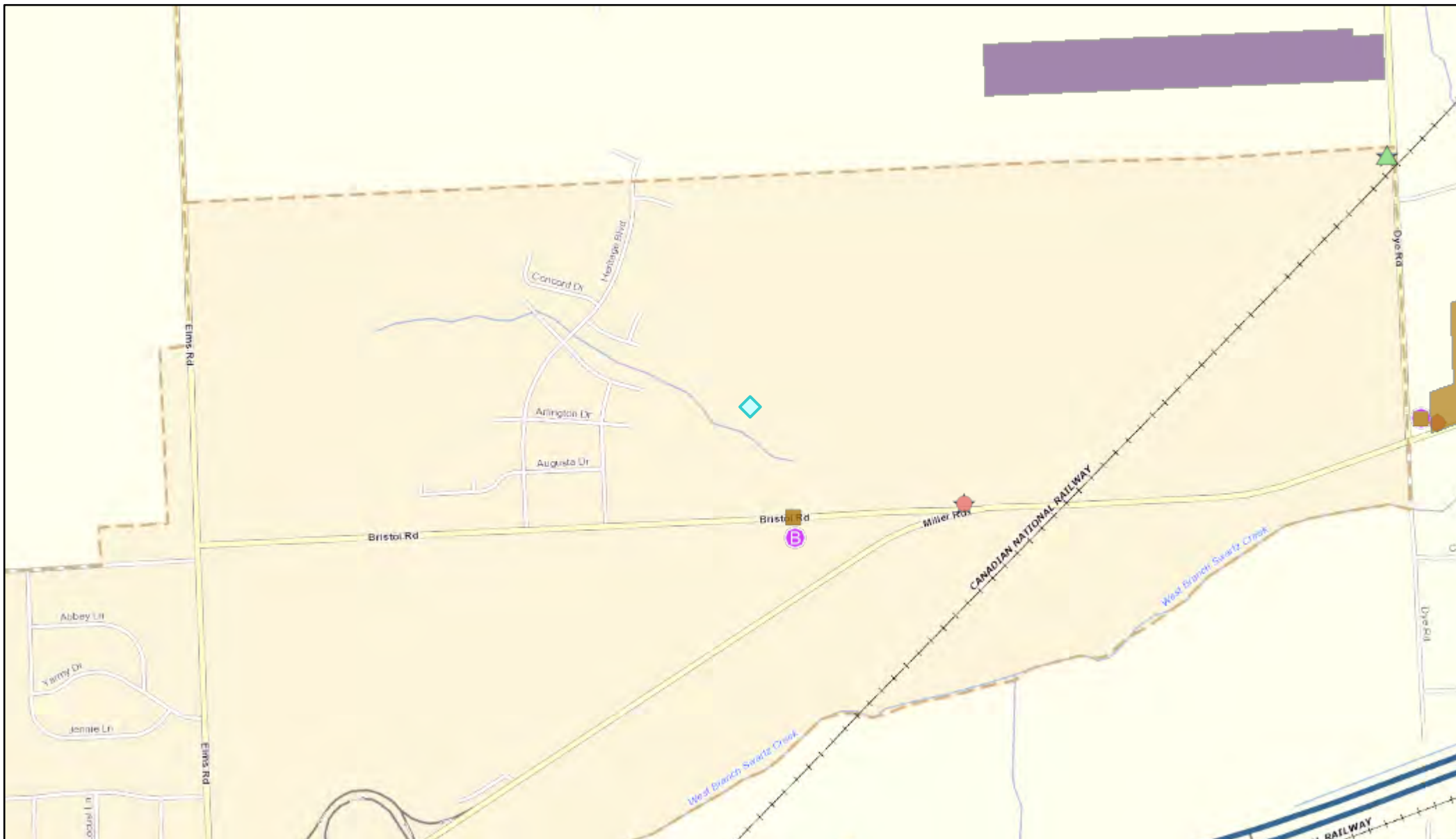
STREET NOT LISTED

ENVIRONMENTAL REGULATORY RECORDS











Applied *Eco*Systems, Inc.
Environmental Management, Consulting & Field Services

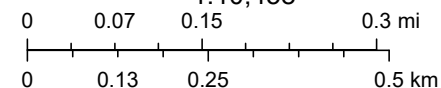
Environmental Mapper



May 9, 2023

-  Michigan Department of Transportation - Point
  Notice of Approved Env. Remediation - Point
  Ordinance - Point
  Notice of Corrective Action - Point
  Restrictive Covenant - Point
  Other Institutional Control
  Michigan Department of Transportation - Polygon
  Notice of Environmental Remediation

1:10,458



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



DATABASE REPORT

Project Property: *Zettel/Stritmatter/15 Acres Vacant
Land/Swartz Creek
Bristol Road
Swartz Creek MI 48473*

Project No: *23-10124715*

Report Type: *Database Report*

Order No: *23050900308*

Requested by: *Applied EcoSystems, Inc.*

Date Completed: *May 11, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	8
Executive Summary: Site Report Summary - Surrounding Properties.....	9
Executive Summary: Summary by Data Source.....	12
Map.....	17
Aerial.....	20
Topographic Map.....	21
Detail Report.....	22
Unplottable Summary.....	153
Unplottable Report.....	154
Appendix: Database Descriptions.....	161
Definitions.....	175

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property: *Zettel/Stritmatter/15 Acres Vacant Land/Swartz Creek
Bristol Road Swartz Creek MI 48473*

Project No: *23-10124715*

Coordinates:

Latitude:	<i>42.97415557</i>
Longitude:	<i>-83.79982462</i>
UTM Northing:	<i>4,761,748.98</i>
UTM Easting:	<i>271,688.72</i>
UTM Zone:	<i>17T</i>

Elevation: *787 FT*

Order Information:

Order No: *23050900308*

Date Requested: *May 9, 2023*

Requested by: *Applied EcoSystems, Inc.*

Report Type: *Database Report*

Historicals/Products:

Aerial Photographs	<i>Historical Aerials (with Project Boundaries)</i>
City Directory Search	<i>CD - 2 Street Search</i>
ERIS Xplorer	<i>ERIS Xplorer</i>
Excel Add-On	<i>Excel Add-On</i>
Fire Insurance Maps	<i>US Fire Insurance Maps</i>
Vapor Screening Tool	<i>Vapor Screening Tool</i>

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	1	0	0	0	1
RCRA TSD	Y	0.5	0	1	0	0	-	1
RCRA LQG	Y	0.25	0	1	0	-	-	1
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	0	1	0	0	1	2
DELISTED CONTAM	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	4	4
SITE CLEANUP	Y	0.25	0	0	0	-	-	0
SWF/LF	Y	0.5	0	0	0	0	-	0
WASTE	Y	0.5	0	1	0	3	-	4
RECYCLING	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	0	0	-	0
DELISTED LUST	Y	0.5	0	1	0	0	-	1
UST	Y	0.25	0	1	0	-	-	1
AST	Y	0.25	0	0	0	-	-	0
UNREG TANK	Y	0.25	0	0	0	-	-	0
TANK FACILITY	Y	0.25	0	0	0	-	-	0
DELISTED TANK	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	0	1	-	1
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BFLD REDEV	Y	0.5	0	0	0	0	-	0
BFLD UST	Y	0.5	0	0	0	0	-	0
NFA RES	Y	0.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County

No County databases were selected to be included in the search.

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Additional Environmental Records</u>								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	1	0	0	-	1

State

SPILLS	Y	0.125	0	12	-	-	-	12
BEA	Y	1	0	3	0	0	5	8
PFAS CONTAM	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
LIEN	Y	PO	0	-	-	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Total:	0	23	0	4	10	37
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* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA TSD	GENERAL MOTORS LLC	6060 W BRISTOL RD CCA FLINT MI 48554 <i>EPA Handler ID:</i> MID003906773	ESE	0.12 / 608.40	-9	22
1	RCRA CORRACTS	GENERAL MOTORS LLC	6060 W BRISTOL RD CCA FLINT MI 48554 <i>EPA Handler ID:</i> MID003906773	ESE	0.12 / 608.40	-9	57
1	UST	General Motors Corp	6060 W BRISTOL FLINT MI 48554-0001 <i>Facility ID:</i> 00001461 <i>New Tank ID No / Status:</i> UTK-057811-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057819-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057825-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057823-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057816-15 | Licensing and Regulatory Affairs Underground Tank List (LARA)	ESE	0.12 / 608.40	-9	94
1	DELISTED LUST	General Motors Corp	6060 W BRISTOL FLINT MI 48554	ESE	0.12 / 608.40	-9	96
1	SPILLS		6060 Bristol Rd. Swartz Creek MI	ESE	0.12 / 608.40	-9	96
1	SPILLS		6060 W Bristol Road Swartz Creek MI <i>Incident No / Rel Incident Contr:</i> 12382 |	ESE	0.12 / 608.40	-9	97
1	SPILLS		6060 W Bristol Road Swartz Creek MI <i>Incident No / Rel Incident Contr:</i> 12382 |	ESE	0.12 / 608.40	-9	99
1	SPILLS		6060 West Bristols Rd Flint MI <i>Incident No / Rel Incident Contr:</i> 20150723-142714 |	ESE	0.12 / 608.40	-9	100
1	WASTE	GENERAL MOTORS - CCA FLINT	6060 W BRISTOL RD FLINT MI 48554	ESE	0.12 / 608.40	-9	101
1	SPILLS		6060 W Bristol Rd Flint MI <i>Incident No / Rel Incident Contr:</i> 16326 |	ESE	0.12 / 608.40	-9	101
1	SPILLS		6060 West Bristol Road Swartz Creek MI <i>Incident No / Rel Incident Contr:</i> 19253 |	ESE	0.12 / 608.40	-9	102
1	SPILLS		6060 W Bristol Road Swartz Creek MI	ESE	0.12 / 608.40	-9	103

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>Incident No | Rel Incident Contr:</i> 20277 |				
1	SPILLS		6060 W Bristol Rd Swartz Creek MI	ESE	0.12 / 608.40	-9	104
			<i>Incident No | Rel Incident Contr:</i> 20332 |				
1	SPILLS		6060 W Bristol Road Flint MI	ESE	0.12 / 608.40	-9	105
			<i>Incident No | Rel Incident Contr:</i> 20784 |				
1	SPILLS		6060 W. Bristol Flint MI MI	ESE	0.12 / 608.40	-9	106
			<i>Incident No | Rel Incident Contr:</i> 20831 |				
1	SPILLS		6060 W Bristol Rd Swartz Creek MI	ESE	0.12 / 608.40	-9	107
			<i>Incident No | Rel Incident Contr:</i> 21171 |				
1	SPILLS		6060 W Bristol Road Flint MI	ESE	0.12 / 608.40	-9	108
			<i>Incident No | Rel Incident Contr:</i> 20782 |				
1	PCB	GM CCA FLINT	6060 W BRISTOL RD SWARTZ CREEK MI 48554	ESE	0.12 / 608.40	-9	109
			<i>Site ID:</i> MID003906773				
1	RCRA LQG	GENERAL MOTORS LLC	6060 W BRISTOL RD CCA FLINT MI 48554	ESE	0.12 / 608.40	-9	110
			<i>EPA Handler ID:</i> MID003906773				
2	BEA	6133 Bristol Road	6133 Bristol Road MI 48473	ESE	0.12 / 629.89	-7	145
2	BEA	6133 Bristol Road	6133 Bristol Road Swartz Creek MI 48473	ESE	0.12 / 629.89	-7	145
2	BEA	6133 Bristol Road	6133 Bristol Road Swartz Creek MI 48473	ESE	0.12 / 629.89	-7	146
2	SHWS	6133 Bristol Road	6133 Bristol Road, MI, 48473 MI	ESE	0.12 / 629.89	-7	146
3	WASTE	GANDER MOUNTAIN 170	6359 GANDER DR SWARTZ CREEK MI 48473	SSW	0.40 / 2,107.57	-23	147
3	WASTE	GANDER MOUNTAIN STORE	6359 MILLER RD SWARTZ CREEK MI 48473	SSW	0.40 / 2,107.57	-23	147

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>4</u>	AUL	Inter City Trucking Service Inc	3236 South Dye Road Flint Township MI 48507	NE	0.44 / 2,300.27	16	<u>147</u>
<u>5</u>	WASTE	SPEES COLLISION	5482 MILLER RD SWARTZ CREEK MI 48473	E	0.49 / 2,584.71	-17	<u>148</u>
<u>6</u>	BEA	7026 Miller Road	7026 Miller Road MI	SW	0.78 / 4,139.78	-13	<u>148</u>
<u>6</u>	BEA		7026 Miller Road MI 48473	SW	0.78 / 4,139.78	-13	<u>148</u>
<u>6</u>	BEA	Marathon Unit #1937	7026 MILLER RD SWARTZ CREEK MI 48473	SW	0.78 / 4,139.78	-13	<u>149</u>
<u>6</u>	BEA	Marathon Unit #1937	7026 MILLER RD SWARTZ CREEK MI 48473	SW	0.78 / 4,139.78	-13	<u>149</u>
<u>7</u>	DELISTED SHWS	Speedway #8752	G-5252 West Miller Road Flint MI 48507	E	0.89 / 4,715.70	-20	<u>149</u>
<u>7</u>	DELISTED SHWS	Speedway #8752	MI	E	0.89 / 4,715.70	-20	<u>150</u>
<u>8</u>	SHWS	5272 Miller Road	5272 Miller Road, Flint, MI, 48507 MI	E	0.90 / 4,772.73	-20	<u>150</u>
<u>8</u>	DELISTED SHWS	5272 Miller Road	5272 Miller Road Flint MI	E	0.90 / 4,772.73	-20	<u>151</u>
<u>8</u>	BEA	5272 Miller Road	5272 Miller Road Flint MI 48507	E	0.90 / 4,772.73	-20	<u>152</u>
<u>8</u>	DELISTED SHWS	5272 Miller Road	MI	E	0.90 / 4,772.73	-20	<u>152</u>

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jan 23, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GENERAL MOTORS LLC	6060 W BRISTOL RD CCA FLINT MI 48554	ESE	0.12 / 608.40	1
<i>EPA Handler ID: MID003906773</i>				

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jan 23, 2023 has found that there are 1 RCRA TSD site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GENERAL MOTORS LLC	6060 W BRISTOL RD CCA FLINT MI 48554	ESE	0.12 / 608.40	1
<i>EPA Handler ID: MID003906773</i>				

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Jan 23, 2023 has found that there are 1 RCRA LQG site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GENERAL MOTORS LLC	6060 W BRISTOL RD CCA FLINT MI 48554	ESE	0.12 / 608.40	1
<i>EPA Handler ID: MID003906773</i>				

State

SHWS - Part 201 Site List

A search of the SHWS database, dated Feb 6, 2023 has found that there are 2 SHWS site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
6133 Bristol Road	6133 Bristol Road, MI, 48473 MI	ESE	0.12 / 629.89	2
5272 Miller Road	5272 Miller Road, Flint, MI, 48507 MI	E	0.90 / 4,772.73	8

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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DELISTED SHWS - Delisted Hazardous and BEA Sites

A search of the DELISTED SHWS database, dated Feb 6, 2023 has found that there are 4 DELISTED SHWS site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Speedway #8752	G-5252 West Miller Road Flint MI 48507	E	0.89 / 4,715.70	<u>7</u>
Speedway #8752	MI	E	0.89 / 4,715.70	<u>7</u>
5272 Miller Road	5272 Miller Road Flint MI	E	0.90 / 4,772.73	<u>8</u>
5272 Miller Road	MI	E	0.90 / 4,772.73	<u>8</u>

WASTE - Waste Data System

A search of the WASTE database, dated Feb 7, 2023 has found that there are 4 WASTE site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GENERAL MOTORS - CCA FLINT	6060 W BRISTOL RD FLINT MI 48554	ESE	0.12 / 608.40	<u>1</u>
GANDER MOUNTAIN 170	6359 GANDER DR SWARTZ CREEK MI 48473	SSW	0.40 / 2,107.57	<u>3</u>
GANDER MOUNTAIN STORE	6359 MILLER RD SWARTZ CREEK MI 48473	SSW	0.40 / 2,107.57	<u>3</u>
SPEES COLLISION	5482 MILLER RD SWARTZ CREEK MI 48473	E	0.49 / 2,584.71	<u>5</u>

DELISTED LUST - Delisted Leaking Underground Storage Tank

A search of the DELISTED LUST database, dated Dec 28, 2022 has found that there are 1 DELISTED LUST site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
General Motors Corp	6060 W BRISTOL FLINT MI 48554	ESE	0.12 / 608.40	1

UST - Underground Storage Tank

A search of the UST database, dated Mar 8, 2023 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
General Motors Corp	6060 W BRISTOL FLINT MI 48554-0001	ESE	0.12 / 608.40	1

Facility ID: 00001461

New Tank ID No | Status: UTK-057811-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057819-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057825-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057823-15 | Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057816-15 | Licensing and Regulatory Affairs Underground Tank List (LARA)

AUL - Engineering and Institutional Controls

A search of the AUL database, dated Jun 27, 2022 has found that there are 1 AUL site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Inter City Trucking Service Inc	3236 South Dye Road Flint Township MI 48507	NE	0.44 / 2,300.27	4

Non Standard

Federal

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated Nov 3, 2022 has found that there are 1 PCB site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GM CCA FLINT	6060 W BRISTOL RD SWARTZ CREEK MI 48554	ESE	0.12 / 608.40	1

Site ID: MID003906773

State

SPILLS - Pollution Emergency Alerting (PEAS)

A search of the SPILLS database, dated Jun 30, 2021 has found that there are 12 SPILLS site(s) within approximately 0.12 miles of the project property.

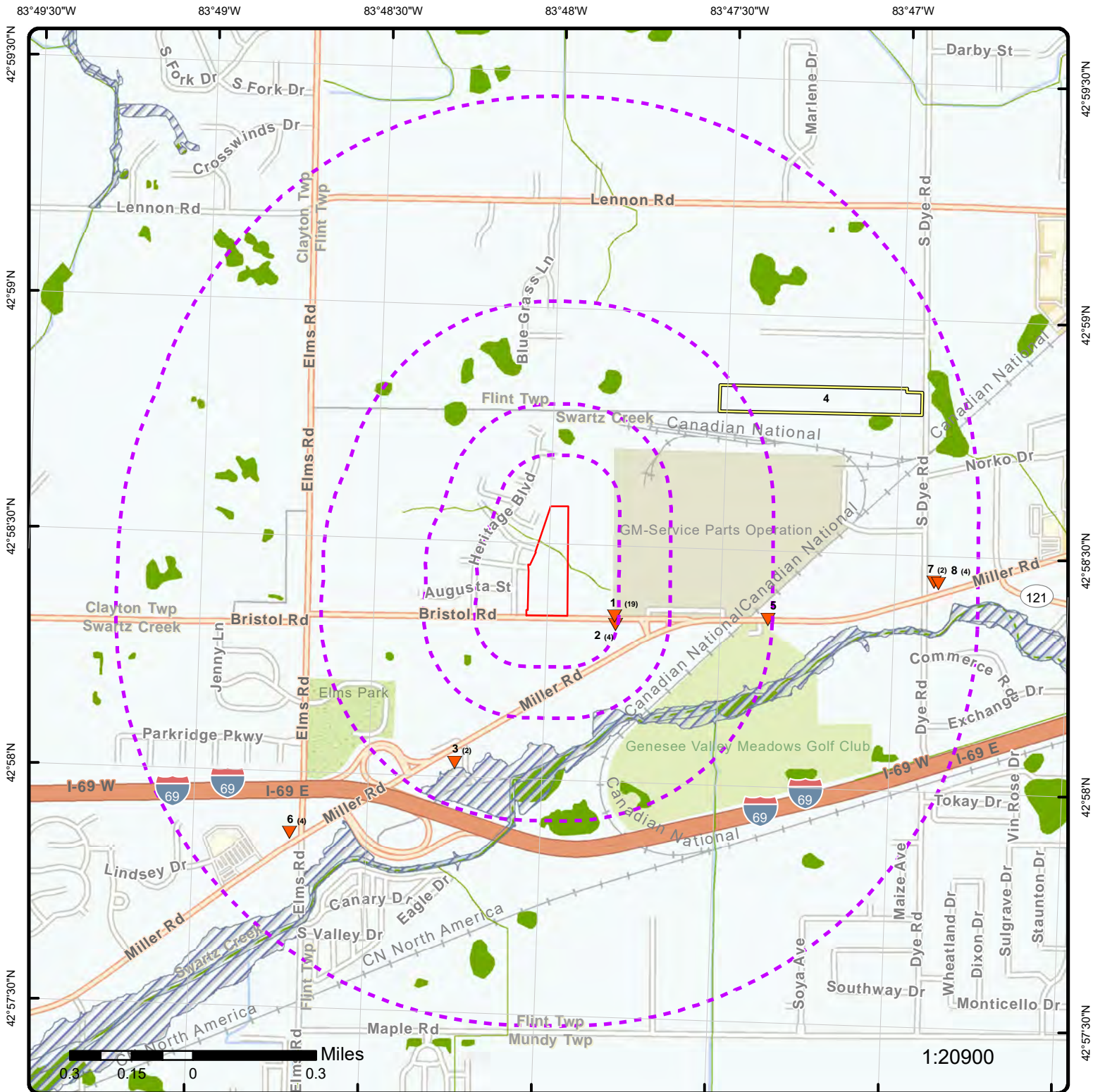
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	6060 W. Bristol Flint MI MI	ESE	0.12 / 608.40	1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
<i>Incident No / Rel Incident Contr: 20831 |</i>				
	6060 W Bristol Road Flint MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 20782 |</i>				
	6060 West Bristols Rd Flint MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 20150723-142714 |</i>				
	6060 W Bristol Road Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 12382 |</i>				
	6060 W Bristol Road Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 12382 |</i>				
	6060 W Bristol Road Flint MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 20784 |</i>				
	6060 W Bristol Rd Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 21171 |</i>				
	6060 W Bristol Rd Flint MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 16326 |</i>				
	6060 West Bristol Road Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 19253 |</i>				
	6060 W Bristol Road Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 20277 |</i>				
	6060 W Bristol Rd Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>
<i>Incident No / Rel Incident Contr: 20332 |</i>				
	6060 Bristol Rd. Swartz Creek MI	ESE	0.12 / 608.40	<u>1</u>

BEA - Baseline Environmental Assessment

A search of the BEA database, dated Dec 17, 2020 has found that there are 8 BEA site(s) within approximately 1.00 miles of the project property.

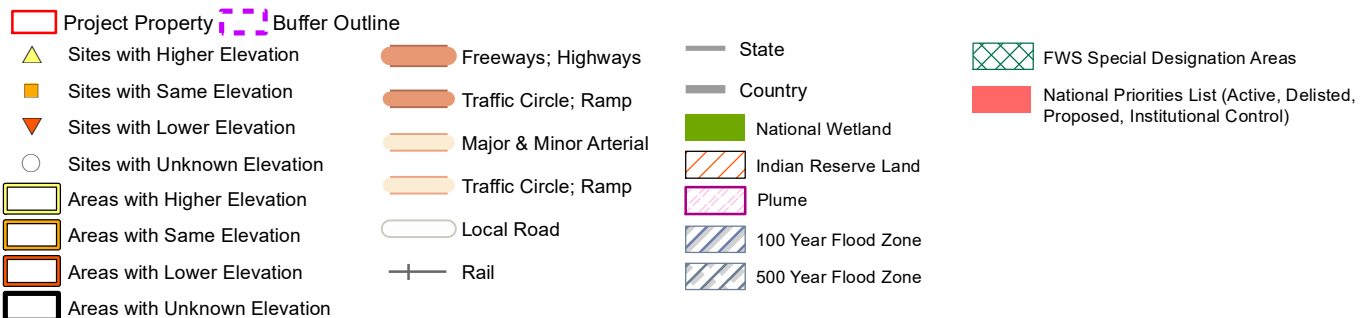
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
6133 Bristol Road	6133 Bristol Road MI 48473	ESE	0.12 / 629.89	<u>2</u>
6133 Bristol Road	6133 Bristol Road Swartz Creek MI 48473	ESE	0.12 / 629.89	<u>2</u>
6133 Bristol Road	6133 Bristol Road Swartz Creek MI 48473	ESE	0.12 / 629.89	<u>2</u>
Marathon Unit #1937	7026 MILLER RD SWARTZ CREEK MI 48473	SW	0.78 / 4,139.78	<u>6</u>
Marathon Unit #1937	7026 MILLER RD SWARTZ CREEK MI 48473	SW	0.78 / 4,139.78	<u>6</u>
7026 Miller Road	7026 Miller Road MI	SW	0.78 / 4,139.78	<u>6</u>
	7026 Miller Road MI 48473	SW	0.78 / 4,139.78	<u>6</u>
5272 Miller Road	5272 Miller Road Flint MI 48507	E	0.90 / 4,772.73	<u>8</u>



Map: 1.0 Mile Radius

Order Number: 23050900308

Address: Bristol Road, Swartz Creek, MI



83°48'30"W

83°48'W

83°47'30"W

42°59'N

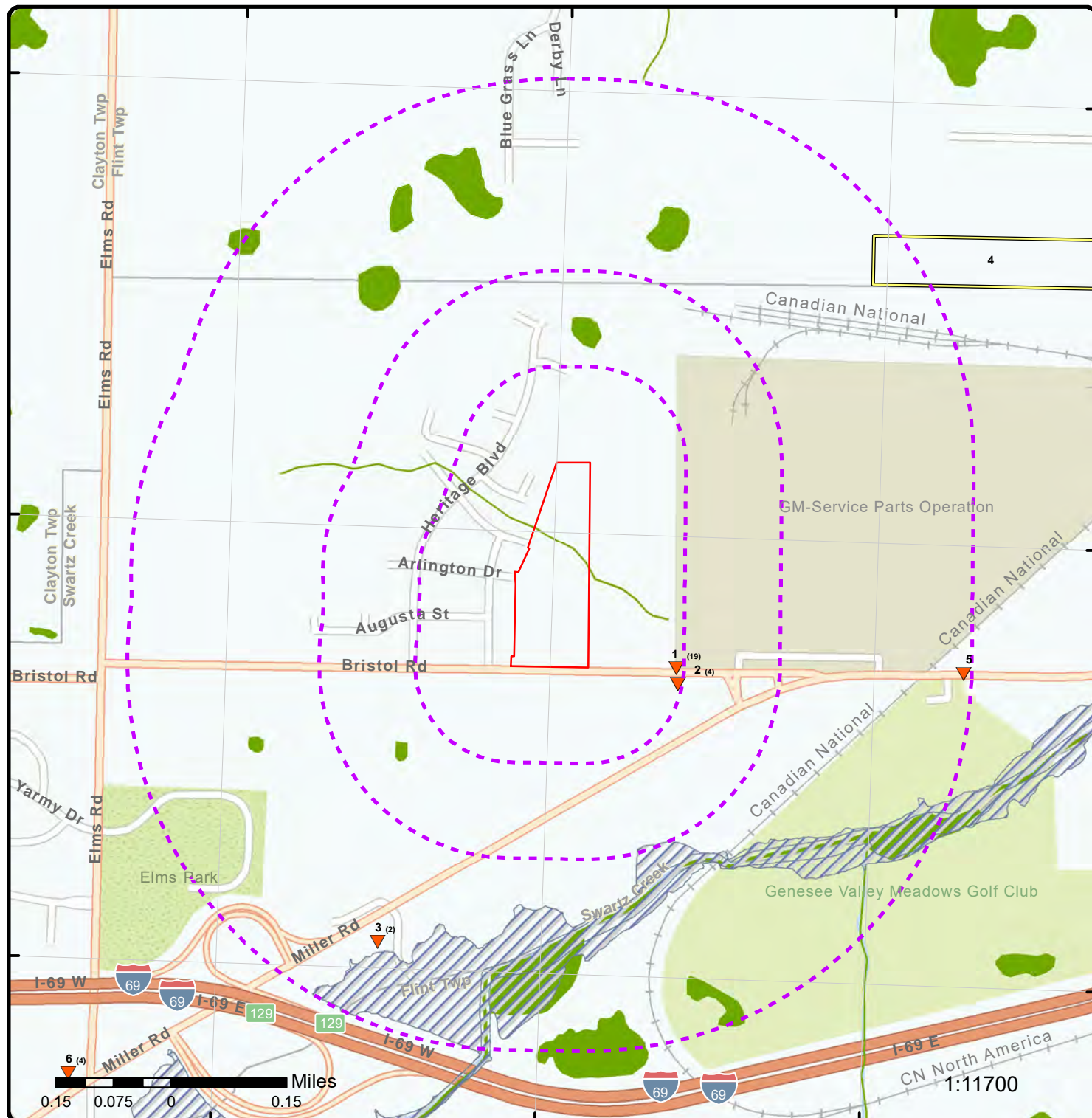
42°59'N

42°58'30"N

42°58'30"N

42°58'N

42°58'N



Map: 0.5 Mile Radius

Order Number: 23050900308

Address: Bristol Road, Swartz Creek, MI



Project Property Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

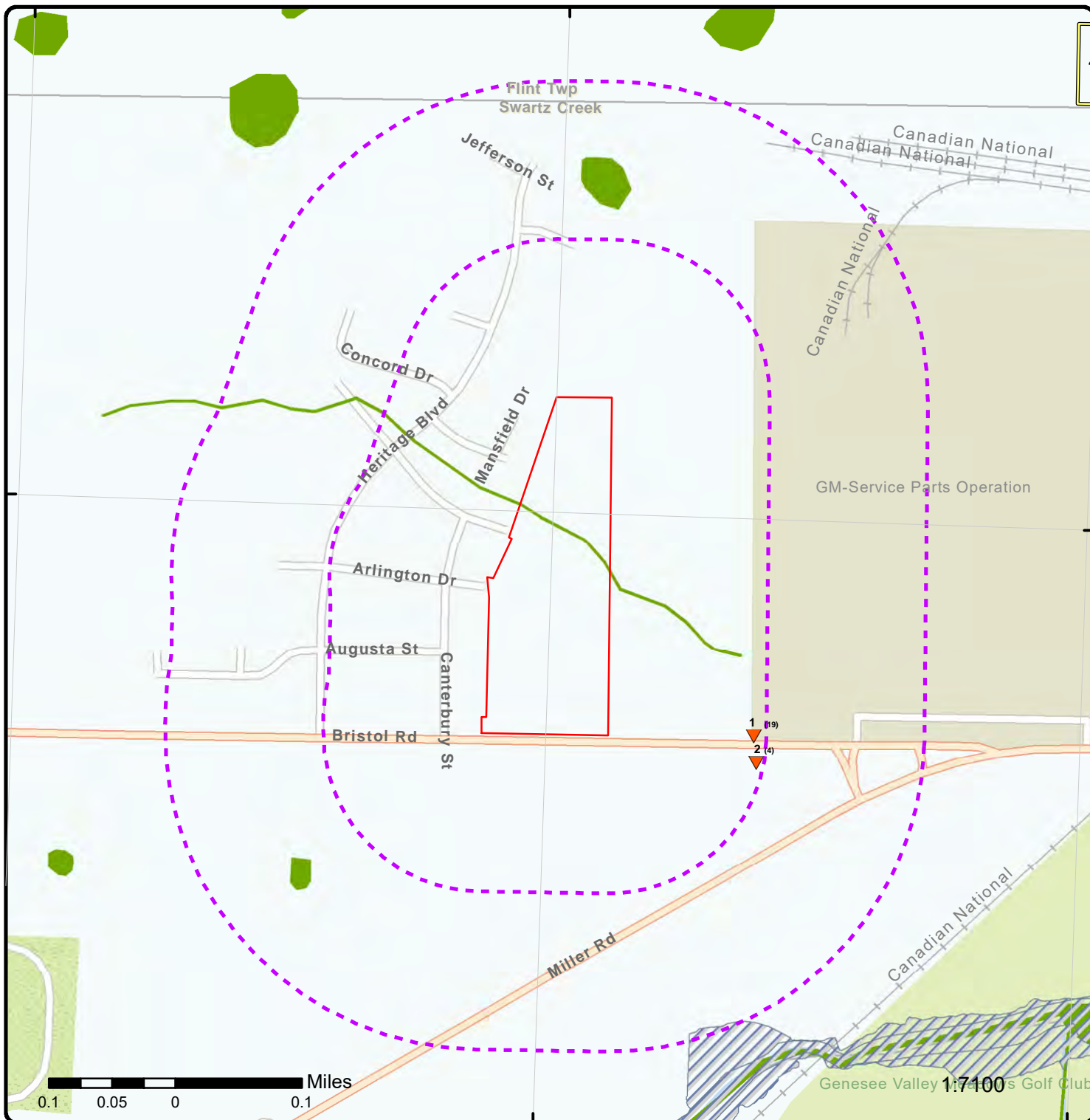
Plume

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 23050900308

Address: Bristol Road, Swartz Creek, MI



Project Property Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

Plume

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)

83°48'30"W

83°48'W

83°47'30"W

42°59'N

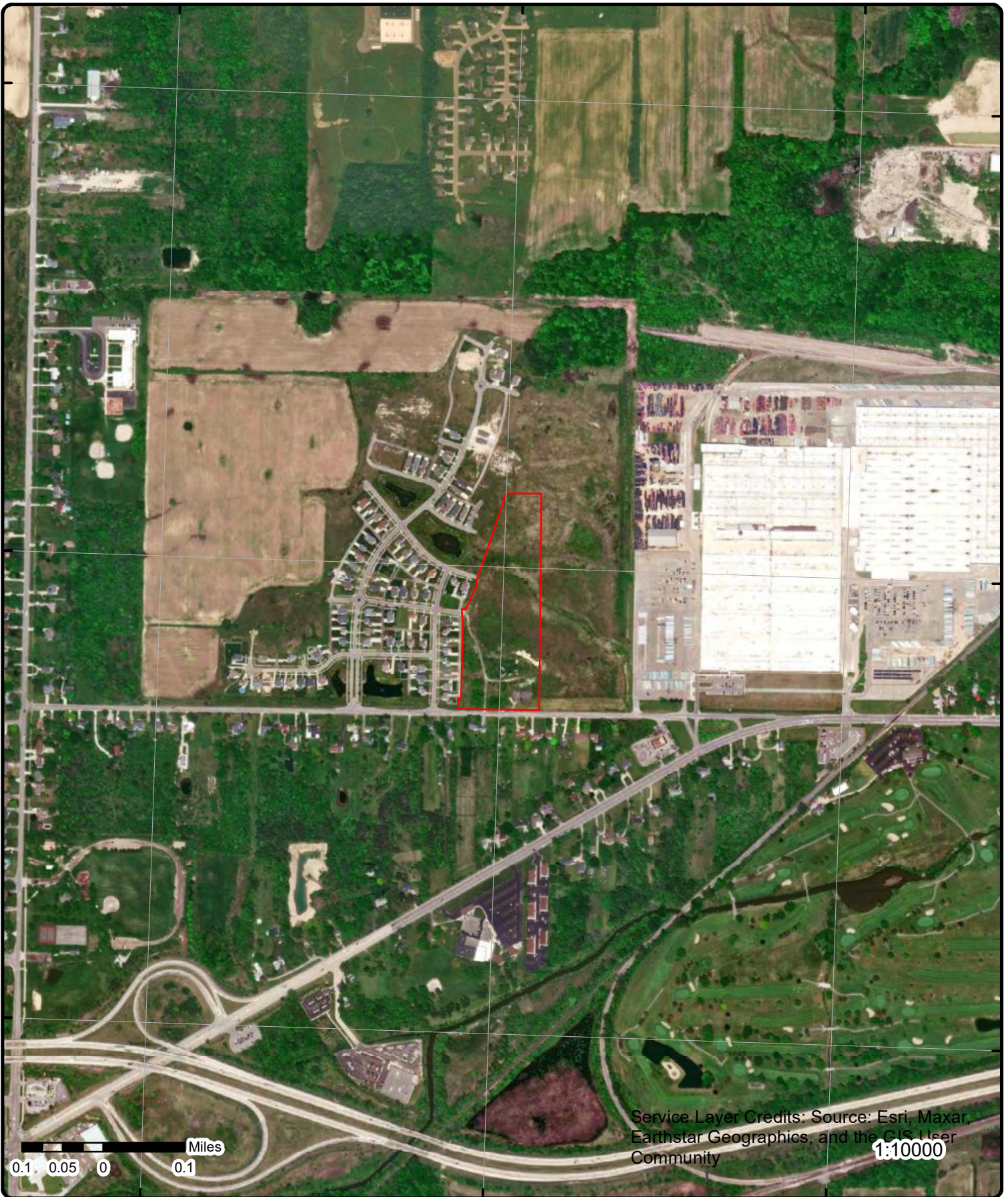
42°59'N

42°58'30"N

42°58'30"N

42°58'N

42°58'N



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1:10000

Aerial Year: 2018

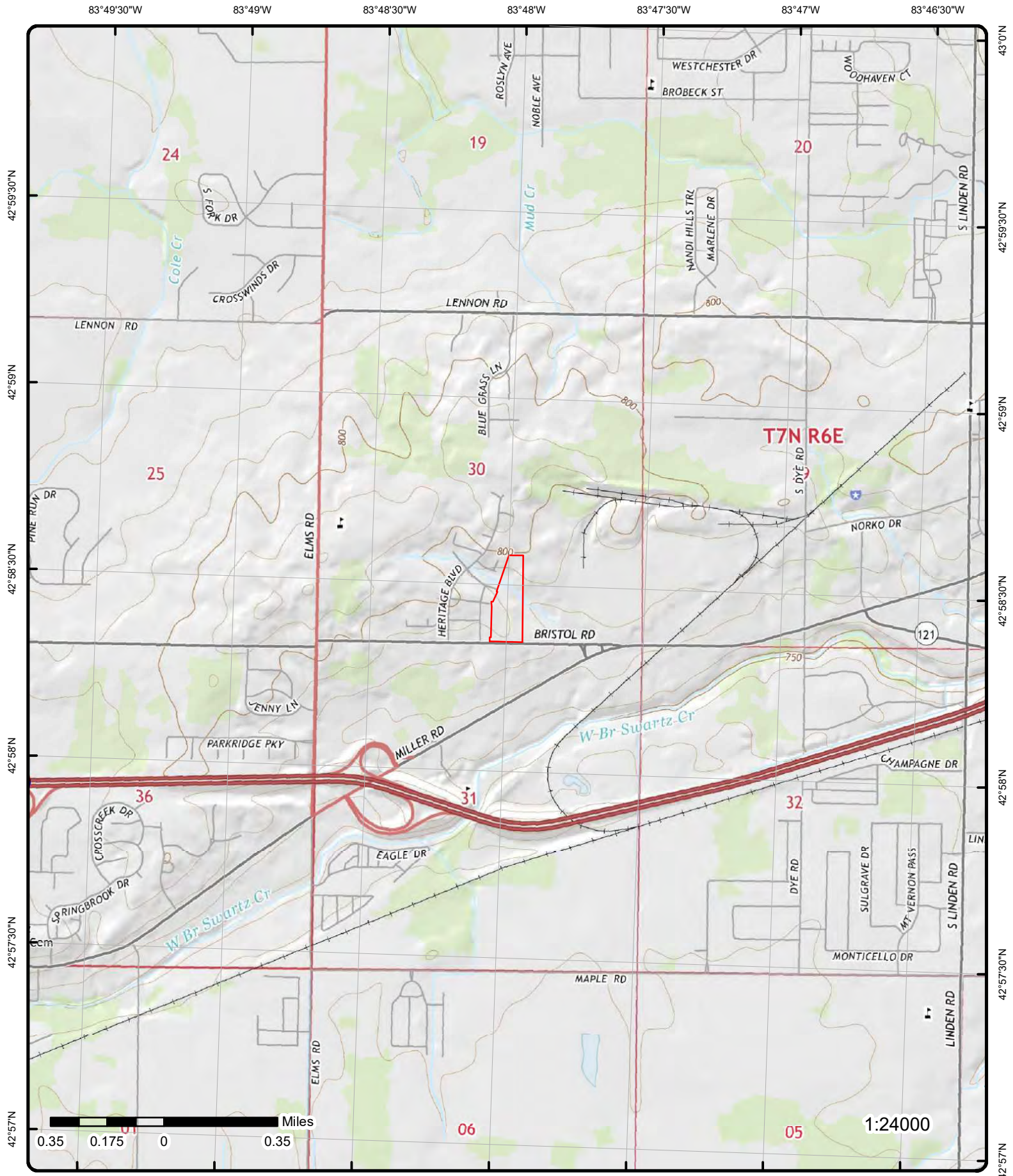
Order Number: 23050900308

Address: Bristol Road, Swartz Creek, MI



© ERIS Information Inc.

Source: ESRI World Imagery



Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 19	ESE	0.12 / 608.40	778.04 / -9	GENERAL MOTORS LLC 6060 W BRISTOL RD CCA FLINT MI 48554	RCRA TSD

EPA Handler ID: MID003906773
Gen Status Universe: Large Quantity Generator
Contact Name: MARIANNE SECREST
Contact Address:
Contact Phone No and Ext: 248-535-5035
Contact Email: MARIANNE.SECREST@GM.COM
Contact Country:
Land Type: Private
County Name: GENESEE
EPA Region: 05
Receive Date: 20220224
Location Latitude: 42.97291
Location Longitude: -83.79151

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19860129
Scheduled Compliance Date: 19860220
Return to Compliance: Observed
Actual Return to Compl: 19870316
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860203
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-General Facility Standards
Violation Type: 265.B
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Short Description:		Used Oil - Applicability				
Violation Type:		279.B				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		LDR - General				
Violation Type:		268.A				
Violation Determined Date:		19940706				
Scheduled Compliance Date:		19940808				
Return to Compliance:		Observed				
Actual Return to Compl:		19950814				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19940706				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19870310				
Scheduled Compliance Date:		19870330				
Return to Compliance:		Observed				
Actual Return to Compl:		19870330				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19870316
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Permits - Application
 Violation Type: 270.B
 Violation Determined Date: 20070807
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20091103
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20071130
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Enforcement Type: 140
 Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Action Date: 20090911
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD - General
 Violation Type: 264.A
 Violation Determined Date: 19880225
 Scheduled Compliance Date: 19880401
 Return to Compliance: Observed
 Actual Return to Compl: 19880324
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19880301				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Generators - Pre-transport				
Violation Type:		262.C				
Violation Determined Date:		19990820				
Scheduled Compliance Date:		19991008				
Return to Compliance:		Documented				
Actual Return to Compl:		20010425				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19990820				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Generators - General				
Violation Type:		262.A				
Violation Determined Date:		19990820				
Scheduled Compliance Date:		19991008				
Return to Compliance:		Documented				
Actual Return to Compl:		20010425				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19990820				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD IS-Ground-Water Monitoring				
Violation Type:		265.F				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Determined Date:		19850905				
Scheduled Compliance Date:		19851213				
Return to Compliance:		Observed				
Actual Return to Compl:		19860113				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19851118				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19890602				
Scheduled Compliance Date:		19890622				
Return to Compliance:		Observed				
Actual Return to Compl:		19891103				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19890605				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD IS-Preparedness and Prevention				
Violation Type:		265.C				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Final Amount:

Paid Amount:

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20071130
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD - General
 Violation Type: 264.A
 Violation Determined Date: 19940706
 Scheduled Compliance Date: 19940808
 Return to Compliance: Observed
 Actual Return to Compl: 19950814
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19940706
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD - General
 Violation Type: 264.A
 Violation Determined Date: 19840620
 Scheduled Compliance Date: 19840730
 Return to Compliance: Observed
 Actual Return to Compl: 19840906
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19840624
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD IS-Contingency Plan and Emergency Procedures				
Violation Type:		265.D				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Used Oil - Generators				
Violation Type:		279.C				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Permits - General Information
Violation Type: 270.A
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19910213
Scheduled Compliance Date: 19910327
Return to Compliance: Observed
Actual Return to Compl: 19920221
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19910312
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Short Description:		Generators - Manifest				
Violation Type:		262.B				
Violation Determined Date:		19990820				
Scheduled Compliance Date:		19991008				
Return to Compliance:		Documented				
Actual Return to Compl:		20010425				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19990820				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - Closure/Post-Closure				
Violation Type:		264.G				
Violation Determined Date:		19840620				
Scheduled Compliance Date:		19840730				
Return to Compliance:		Observed				
Actual Return to Compl:		19840906				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19840624				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD IS-Container Use and Management				
Violation Type:		265.I				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19910213				
Scheduled Compliance Date:		19910327				
Return to Compliance:		Observed				
Actual Return to Compl:		19920221				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19910312				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - Manifest/Records/Reporting				
Violation Type:		264.E				
Violation Determined Date:		19850130				
Scheduled Compliance Date:		19850212				
Return to Compliance:		Observed				
Actual Return to Compl:		19850212				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19850204				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Evaluation Details</u>						
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - General Information				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Container Use and Management				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19950810				
Evaluation Type Description:		FOLLOW-UP INSPECTION				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19891103				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-General Facility Standards				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19840906				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19890602				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19891103				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Contingency Plan and Emergency Procedures				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19890830				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		FINANCIAL RECORD REVIEW				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER TSD IS-Contingency Plan and Emergency Procedures 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER TSD IS-Container Use and Management 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER Used Oil - Applicability 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19990817 COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - General 20010425 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19850905 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD IS-Ground-Water Monitoring 19860113 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19990817 COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - Manifest 20010425 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19860401 FINANCIAL RECORD REVIEW				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE Used Oil - Generators 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER Generators - Pre-transport 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date:		20081010 SIGNIFICANT NON-COMPLIER TSD IS-General Facility Standards 20091103				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20161101				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19910213				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19920221				
Evaluation Agency:		State				
Evaluation Start Date:		19910213				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19920221				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Permits - General Information				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19940624				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Container Use and Management				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20220913				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19920918				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					COMPLIANCE EVALUATION INSPECTION ON-SITE State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19840620 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - Closure/Post-Closure 19840906 State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					20120912 COMPLIANCE EVALUATION INSPECTION ON-SITE State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19910904 FINANCIAL RECORD REVIEW State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19920220 FOLLOW-UP INSPECTION State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19900517 COMPLIANCE EVALUATION INSPECTION ON-SITE State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19850530 COMPLIANCE EVALUATION INSPECTION ON-SITE State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE Used Oil - Applicability 20091103 EPA	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19990817 COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - Pre-transport 20010425 State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					19920921 FINANCIAL RECORD REVIEW State	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:					20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD IS-General Facility Standards 20091103 EPA	
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date:					20091103 NOT A SIGNIFICANT NON-COMPLIER TSD IS-Contingency Plan and Emergency Procedures 20091103	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Applicability				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Preparedness and Prevention				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19860129				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19870316				
Evaluation Agency:		State				
Evaluation Start Date:		19950810				
Evaluation Type Description:		FOLLOW-UP INSPECTION				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		19880225				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19880324				
Evaluation Agency:		State				
Evaluation Start Date:		19900919				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Preparedness and Prevention				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Preparedness and Prevention				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - General Information				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19940624				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		19850130				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - Manifest/Records/Reporting				
Return to Compliance Date:		19850212				
Evaluation Agency:		State				
Evaluation Start Date:		19870310				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Return to Compliance Date:	19870330
Evaluation Agency:	State

Evaluation Start Date:	19840620
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Return to Compliance Date:	19840906
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19801118
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Part A

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20100203
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code: Waste Code Description:		F005			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code: Waste Code Description:		D002			CORROSIVE WASTE	
Hazardous Waste Code: Waste Code Description:		D018			BENZENE	
Hazardous Waste Code: Waste Code Description:		F003			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code: Waste Code Description:		U075			DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-	
<u>Hazardous Waste Handler Details</u>						
Sequence No:		4				
Receive Date:		20160229				
Handler Name:		GENERAL MOTORS LLC CUSTOMER CARE AND AFTERSALES FLINT				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code: Waste Code Description:		D002			CORROSIVE WASTE	
Hazardous Waste Code: Waste Code Description:		D006			CADMIUM	
Hazardous Waste Code: Waste Code Description:		D011			SILVER	
Hazardous Waste Code: Waste Code Description:		F002			THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code: Waste Code Description:		F005			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code: Waste Code Description:		U226			ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code: Waste Code Description:		D001 IGNITABLE WASTE				
Hazardous Waste Code: Waste Code Description:		D003 REACTIVE WASTE				
Hazardous Waste Code: Waste Code Description:		D007 CHROMIUM				
Hazardous Waste Code: Waste Code Description:		D008 LEAD				
Hazardous Waste Code: Waste Code Description:		D039 TETRACHLOROETHYLENE				
Hazardous Waste Code: Waste Code Description:		F003 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code: Waste Code Description:		F019 WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20190411
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 11
Receive Date: 20080227
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 19
Receive Date: 20170727
Handler Name: GENERAL MOTORS LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Notification					
 <u>Waste Code Details</u>						
Hazardous Waste Code:	D001					
Waste Code Description:	IGNITABLE WASTE					
 <u>Hazardous Waste Handler Details</u>						
Sequence No:	9					
Receive Date:	20060301					
Handler Name:	GENERAL MOTORS CORPORATION					
Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Annual/Biennial Report					
 <u>Hazardous Waste Handler Details</u>						
Sequence No:	2					
Receive Date:	20120228					
Handler Name:	GENERAL MOTORS LLC					
Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Annual/Biennial Report update with Notification					
 <u>Waste Code Details</u>						
Hazardous Waste Code:	D001					
Waste Code Description:	IGNITABLE WASTE					
Hazardous Waste Code:	D007					
Waste Code Description:	CHROMIUM					
Hazardous Waste Code:	D011					
Waste Code Description:	SILVER					
Hazardous Waste Code:	D039					
Waste Code Description:	TETRACHLOROETHYLENE					
Hazardous Waste Code:	F003					
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.					
Hazardous Waste Code:	P042					
Waste Code Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE					
Hazardous Waste Code:	D002					
Waste Code Description:	CORROSIVE WASTE					
Hazardous Waste Code:	D008					
Waste Code Description:	LEAD					
Hazardous Waste Code:	D018					
Waste Code Description:	BENZENE					
Hazardous Waste Code:	F002					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U041				
Waste Code Description:		EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-				
Hazardous Waste Code:		U121				
Waste Code Description:		METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		17				
Receive Date:		20150610				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		19940224				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		10				
Receive Date:		20080301				
Handler Name:		GENERAL MOTORS CORPORATION				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		20140228				
Handler Name:		GENERAL MOTORS LLC CUSTOMERCARE AND AFTERSALES FLINT				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		D022				
Waste Code Description:		CHLOROFORM				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		U044				
Waste Code Description:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Hazardous Waste Code:		U161				
Waste Code Description:		4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D018				
Waste Code Description:		BENZENE				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code:		U154				
Waste Code Description:		METHANOL (I) (OR) METHYL ALCOHOL (I)				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		12				
Receive Date:		20091005				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		13				
Receive Date:		20091130				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		15				
Receive Date:		20131105				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		21				
Receive Date:		20190410				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		22				
Receive Date:		20220224				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960228
Handler Name: GMC, SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20031222
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 20
Receive Date: 20180723
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900322
Handler Name: GM SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20220223
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		P081				
Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		2				
Receive Date:		19800818				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		6				
Receive Date:		20020228				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 9
 Receive Date: 20040225
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 10
 Receive Date: 20060228
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 5
 Receive Date: 19980227
 Handler Name: GMC, SERVICE PARTS OPERATIONS
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
 Receive Date: 20180221
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
 Waste Code Description: CADMIUM

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: D035
 Waste Code Description: METHYL ETHYL KETONE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		P042				
Waste Code Description:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Hazardous Waste Code:		U226				
Waste Code Description:		ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D003				
Waste Code Description:		REACTIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		P009				
Waste Code Description:		AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)				
Hazardous Waste Code:		P081				
Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20030414
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920227
Handler Name: GM SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040301
Handler Name: GENERAL MOTORS CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20200227
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		19950728				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Implementer				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		4				
Receive Date:		20000301				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		5				
Receive Date:		20010101				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		14				
Receive Date:		20110404				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 16
Receive Date: 20140625
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 18
Receive Date: 20160809
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20000225
Handler Name: GM SERVICE PARTS OPERATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020301
Handler Name: GM SERVICE PARTS OPERATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	GMC WHSG & DISTRIB DIV FLINT	Street 2:
Date Became Current:	19581115	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Part A	Zip Code:
Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	GMC WHSG & DISTRIB DIV FLINT	Street 2:
Date Became Current:	19581115	City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19010101			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19700101			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Date Became Current:	20090710			City:	DETROIT	
Date Ended Current:				State:	MI	
Phone:	810-635-5069			Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Date Became Current:	20090710			City:	DETROIT	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Date Ended Current:				State:	MI	
Phone:	810-635-5069			Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Owner			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Date Became Current:	20090710			City:	DETROIT	
Date Ended Current:				State:	MI	
Phone:	810-635-4069			Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTOTS LLC			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTROL ROAD	
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554-9012	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	300 RENAISSANCE DRIVE	
Name:	GENERAL MOTORS LLC			Street 2:		
Date Became Current:	20090710			City:	DETROIT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	48554-9012	

Historical Handler Details

Receive Dt:	19801118
Generator Code Description:	Not a Generator, Verified
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	19800818
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	19920227
Generator Code Description:	Large Quantity Generator
Handler Name:	GM SERVICE PARTS OPERATIONS
Receive Dt:	20110404
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20140625
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20120228
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20150610
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20060228
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20091005
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20020301
Generator Code Description:	Large Quantity Generator
Handler Name:	GM SERVICE PARTS OPERATION
Receive Dt:	19980227

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator Code Description: Handler Name:					Large Quantity Generator GMC, SERVICE PARTS OPERATIONS	
Receive Dt: Generator Code Description: Handler Name:					20091130 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20131105 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20160809 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20140228 Large Quantity Generator GENERAL MOTORS LLC CUSTOMERCARE AND AFTERSALES FLINT	
Receive Dt: Generator Code Description: Handler Name:					20200227 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20190411 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					19940224 Large Quantity Generator GMC, SERVICE PARTS OPERATIONS	
Receive Dt: Generator Code Description: Handler Name:					20000225 Large Quantity Generator GM SERVICE PARTS OPERATION	
Receive Dt: Generator Code Description: Handler Name:					20060301 Large Quantity Generator GENERAL MOTORS CORPORATION	
Receive Dt: Generator Code Description: Handler Name:					20100203 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20010101 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20020228 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20180723 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20190410 Small Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20180221 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:					20220223 Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description:					20080227 Large Quantity Generator	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19950728				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20000301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19900322				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GM SERVICE PARTS OPERATIONS				
Receive Dt:		20080301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS CORPORATION				
Receive Dt:		20040225				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19960228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Receive Dt:		20160229				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC CUSTOMER CARE AND AFTERSALES FLINT				
Receive Dt:		20030414				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20031222				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20170727				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20040301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS CORPORATION				
1	2 of 19	ESE	0.12 / 608.40	778.04 / -9	GENERAL MOTORS LLC 6060 W BRISTOL RD CCA FLINT MI 48554	RCRA CORRACTS
EPA Handler ID:		MID003906773				
Gen Status Universe:		Large Quantity Generator				
Contact Name:		MARIANNE SECREST				
Contact Address:						
Contact Phone No and Ext:		248-535-5035				
Contact Email:		MARIANNE.SECREST@GM.COM				
Contact Country:						
County Name:		GENESEE				
EPA Region:		05				
Land Type:		Private				
Receive Date:		20220224				
Location Latitude:		42.97291				
Location Longitude:		-83.79151				
<u>Event/Area Details</u>						
Area Name:		ENTIRE FACILITY				

57

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Order No: 23050900308

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Event Code:		CA075LO				
Corrective Action Event Descr:		CA PRIORITIZATION-LOW CA PRIORITY				
Actual Date of Event:		19930331				
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		19930331				
Groundwater Release Indicator:						
Soil Release Indicator:		No				
Air Release Indicator:		No				
Surface Waste Release Ind:		No				
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA200				
Corrective Action Event Descr:		INVESTIGATION COMPLETE				
Actual Date of Event:		20210318				
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20210318				
Groundwater Release Indicator:						
Soil Release Indicator:		No				
Air Release Indicator:		No				
Surface Waste Release Ind:		No				
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA070NO				
Corrective Action Event Descr:		DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY				
Actual Date of Event:		20090501				
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20090501				
Groundwater Release Indicator:						
Soil Release Indicator:		No				
Air Release Indicator:		No				
Surface Waste Release Ind:		No				
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA070YE				
Corrective Action Event Descr:		DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY				
Actual Date of Event:		20160315				
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20160315				
Groundwater Release Indicator:						
Soil Release Indicator:		No				
Air Release Indicator:		No				
Surface Waste Release Ind:		No				
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA225IN				
Corrective Action Event Descr:		STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY				
Actual Date of Event:		19930930				
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		19930930				
Groundwater Release Indicator:						
Soil Release Indicator:		No				
Air Release Indicator:		No				
Surface Waste Release Ind:		No				
Event Responsible Agency:		E				
Area Name:		ENTIRE FACILITY				
Event Code:		CA075ME				
Corrective Action Event Descr:		CA PRIORITIZATION-MEDIUM CA PRIORITY				
Actual Date of Event:		19930630				
Orig Sched Event Date:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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New Sched Event Date:
Best Date: 19930630
Groundwater Release Indicator:
Soil Release Indicator: No
Air Release Indicator: No
Surface Waste Release Ind: No
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA110
Corrective Action Event Descri: INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event: 20160621
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20160621
Groundwater Release Indicator:
Soil Release Indicator: No
Air Release Indicator: No
Surface Waste Release Ind: No
Event Responsible Agency: E

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Manifest
Violation Type: 262.B
Violation Determined Date: 19990820
Scheduled Compliance Date: 19991008
Return to Compliance: Documented
Actual Return to Compl: 20010425
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19990820
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 19850130
Scheduled Compliance Date: 19850212
Return to Compliance: Observed
Actual Return to Compl: 19850212
Violation Responsible Agency: State

Enforcement Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19850204
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	TSD IS-Container Use and Management
Violation Type:	265.I
Violation Determined Date:	20070807
Scheduled Compliance Date:	
Return to Compliance:	Documented
Actual Return to Compl:	20091103
Violation Responsible Agency:	EPA

Enforcement Details

Enforcement Type:	140
Enforcement Type Description:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date:	20090911
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	EPA
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	20071130
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	EPA
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	Permits - Application
Violation Type:	270.B
Violation Determined Date:	20070807
Scheduled Compliance Date:	
Return to Compliance:	Documented
Actual Return to Compl:	20091103
Violation Responsible Agency:	EPA

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	20071130
Enf Disposition Status:	
Disposition Status Date:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Lead Agency: Proposed Penalty Amount: Final Amount: Paid Amount:		EPA				
Enforcement Type: Enforcement Type Description: Enforcement Action Date: Enf Disposition Status: Disposition Status Date: Enforcement Lead Agency: Proposed Penalty Amount: Final Amount: Paid Amount:		140 LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION 20090911				
		EPA				
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19840620				
Scheduled Compliance Date:		19840730				
Return to Compliance:		Observed				
Actual Return to Compl:		19840906				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19840624				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Used Oil - Generators				
Violation Type:		279.C				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Type Description: WRITTEN INFORMAL Enforcement Action Date: 20071130 Enf Disposition Status: Disposition Status Date: Enforcement Lead Agency: EPA Proposed Penalty Amount: Final Amount: Paid Amount:						
<u>Violation Details</u>						
Found Violation: Yes Citation: Violation Short Description: TSD - General Violation Type: 264.A Violation Determined Date: 19860129 Scheduled Compliance Date: 19860220 Return to Compliance: Observed Actual Return to Compl: 19870316 Violation Responsible Agency: State						
<u>Enforcement Details</u>						
Enforcement Type: 120 Enforcement Type Description: WRITTEN INFORMAL Enforcement Action Date: 19860203 Enf Disposition Status: Disposition Status Date: Enforcement Lead Agency: State Proposed Penalty Amount: Final Amount: Paid Amount:						
<u>Violation Details</u>						
Found Violation: Yes Citation: Violation Short Description: Generators - General Violation Type: 262.A Violation Determined Date: 19990820 Scheduled Compliance Date: 19991008 Return to Compliance: Documented Actual Return to Compl: 20010425 Violation Responsible Agency: State						
<u>Enforcement Details</u>						
Enforcement Type: 120 Enforcement Type Description: WRITTEN INFORMAL Enforcement Action Date: 19990820 Enf Disposition Status: Disposition Status Date: Enforcement Lead Agency: State Proposed Penalty Amount: Final Amount: Paid Amount:						
<u>Violation Details</u>						
Found Violation: Yes Citation: Violation Short Description: TSD - General Violation Type: 264.A						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Determined Date:		19880225				
Scheduled Compliance Date:		19880401				
Return to Compliance:		Observed				
Actual Return to Compl:		19880324				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19880301				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19870310				
Scheduled Compliance Date:		19870330				
Return to Compliance:		Observed				
Actual Return to Compl:		19870330				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19870316				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		LDR - General				
Violation Type:		268.A				
Violation Determined Date:		19910213				
Scheduled Compliance Date:		19910327				
Return to Compliance:		Observed				
Actual Return to Compl:		19920221				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19910312				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Final Amount:

Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Permits - General Information
 Violation Type: 270.A
 Violation Determined Date: 20070807
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20091103
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20071130
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Enforcement Type: 140
 Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Action Date: 20090911
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD IS-Preparedness and Prevention
 Violation Type: 265.C
 Violation Determined Date: 20070807
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20091103
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20071130
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Enforcement Type: 140
 Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Action Date: 20090911

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Violation Type: 265.D
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-General Facility Standards
Violation Type: 265.B
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19890602
Scheduled Compliance Date: 19890622
Return to Compliance: Observed
Actual Return to Compl: 19891103
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890605
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Lead Agency: Proposed Penalty Amount: Final Amount: Paid Amount:		EPA				
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		LDR - General				
Violation Type:		268.A				
Violation Determined Date:		19940706				
Scheduled Compliance Date:		19940808				
Return to Compliance:		Observed				
Actual Return to Compl:		19950814				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19940706				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19940706				
Scheduled Compliance Date:		19940808				
Return to Compliance:		Observed				
Actual Return to Compl:		19950814				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19940706				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19910213				
Scheduled Compliance Date:		19910327				
Return to Compliance:		Observed				
Actual Return to Compl:		19920221				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19910312
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD - Closure/Post-Closure
 Violation Type: 264.G
 Violation Determined Date: 19840620
 Scheduled Compliance Date: 19840730
 Return to Compliance: Observed
 Actual Return to Compl: 19840906
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19840624
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Used Oil - Applicability
 Violation Type: 279.B
 Violation Determined Date: 20070807
 Scheduled Compliance Date:
 Return to Compliance: Documented
 Actual Return to Compl: 20091103
 Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20071130
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Enforcement Type: 140

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION						
Enforcement Action Date: 20090911						
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency: EPA						
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation: Yes						
Citation:						
Violation Short Description: TSD IS-Ground-Water Monitoring						
Violation Type: 265.F						
Violation Determined Date: 19850905						
Scheduled Compliance Date: 19851213						
Return to Compliance: Observed						
Actual Return to Compl: 19860113						
Violation Responsible Agency: State						
<u>Enforcement Details</u>						
Enforcement Type: 120						
Enforcement Type Description: WRITTEN INFORMAL						
Enforcement Action Date: 19851118						
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency: State						
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation: Yes						
Citation:						
Violation Short Description: Generators - Pre-transport						
Violation Type: 262.C						
Violation Determined Date: 19990820						
Scheduled Compliance Date: 19991008						
Return to Compliance: Documented						
Actual Return to Compl: 20010425						
Violation Responsible Agency: State						
<u>Enforcement Details</u>						
Enforcement Type: 120						
Enforcement Type Description: WRITTEN INFORMAL						
Enforcement Action Date: 19990820						
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency: State						
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Evaluation Details</u>						
Evaluation Start Date: 20091103						
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER						
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures						
Return to Compliance Date: 20091103						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Agency:		EPA				
Evaluation Start Date:		19990817				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Generators - General				
Return to Compliance Date:		20010425				
Evaluation Agency:		State				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19880225				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19880324				
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-General Facility Standards				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20161101				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Container Use and Management				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Applicability				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19850130				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - Manifest/Records/Reporting				
Return to Compliance Date:		19850212				
Evaluation Agency:		State				
Evaluation Start Date:		20220913				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19900919				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19920220				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		FOLLOW-UP INSPECTION				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19910213 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - General 19920221 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE Permits - General Information 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19850530 COMPLIANCE EVALUATION INSPECTION ON-SITE State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19990817 COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - Pre-transport 20010425 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER TSD IS-General Facility Standards 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20091103 NOT A SIGNIFICANT NON-COMPLIER TSD IS-Preparedness and Prevention 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19950810 FOLLOW-UP INSPECTION TSD - General 19950814 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19990817 COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - Manifest 20010425 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19891103 COMPLIANCE SCHEDULE EVALUATION State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19840620 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - General 19840906 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD IS-General Facility Standards 20091103				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19910904				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19840620				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - Closure/Post-Closure				
Return to Compliance Date:		19840906				
Evaluation Agency:		State				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Preparedness and Prevention				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - General Information				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Applicability				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Contingency Plan and Emergency Procedures				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19850905				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Ground-Water Monitoring				
Return to Compliance Date:		19860113				
Evaluation Agency:		State				
Evaluation Start Date:		19860401				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		EPA				
Evaluation Start Date:		19900517				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20070807				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Used Oil - Applicability				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19920921				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20120912				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Preparedness and Prevention				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19940624				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Container Use and Management				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19870310				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19870330				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Contingency Plan and Emergency Procedures				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19890830				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Agency:		State				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - General Information				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19860129				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19870316				
Evaluation Agency:		State				
Evaluation Start Date:		19950810				
Evaluation Type Description:		FOLLOW-UP INSPECTION				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19910213				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19920221				
Evaluation Agency:		State				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Container Use and Management				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19940624				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		19840906				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19890602				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19891103				
Evaluation Agency:		State				
Evaluation Start Date:		19920918				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	5
Receive Date:	20010101
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	21
Receive Date:	20190410
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	9
Receive Date:	20060301
Handler Name:	GENERAL MOTORS CORPORATION
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No:	7
Receive Date:	20030414
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	13
Receive Date:	20091130
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	22
Receive Date:	20220224
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	19940224
Handler Name:	GMC, SERVICE PARTS OPERATIONS
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	19800818
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		5				
Receive Date:		20180221				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D003				
Waste Code Description:		REACTIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		P009				
Waste Code Description:		AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)				
Hazardous Waste Code:		P081				
Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code:			F005			
Waste Code Description:			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code:			P042			
Waste Code Description:			1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE			
Hazardous Waste Code:			U226			
Waste Code Description:			ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM			
<u>Hazardous Waste Handler Details</u>						
Sequence No:			6			
Receive Date:			20200227			
Handler Name:			GENERAL MOTORS LLC			
Federal Waste Generator Code:			1			
Generator Code Description:			Large Quantity Generator			
Source Type:			Annual/Biennial Report update with Notification			
<u>Waste Code Details</u>						
Hazardous Waste Code:			D001			
Waste Code Description:			IGNITABLE WASTE			
Hazardous Waste Code:			D007			
Waste Code Description:			CHROMIUM			
Hazardous Waste Code:			F003			
Waste Code Description:			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code:			F005			
Waste Code Description:			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code:			F019			
Waste Code Description:			WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.			
Hazardous Waste Code:			D002			
Waste Code Description:			CORROSIVE WASTE			
Hazardous Waste Code:			D008			
Waste Code Description:			LEAD			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 3
 Receive Date: 19950728
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 8
 Receive Date: 20031222
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 12
 Receive Date: 20091005
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 15
 Receive Date: 20131105
 Handler Name: GENERAL MOTORS LLC
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 18
 Receive Date: 20160809
 Handler Name: GENERAL MOTORS LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Notification					
 <u>Waste Code Details</u>						
Hazardous Waste Code:	D001					
Waste Code Description:	IGNITABLE WASTE					
 <u>Hazardous Waste Handler Details</u>						
Sequence No:	2					
Receive Date:	19920227					
Handler Name:	GM SERVICE PARTS OPERATIONS					
Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Annual/Biennial Report					
 <u>Hazardous Waste Handler Details</u>						
Sequence No:	7					
Receive Date:	20020301					
Handler Name:	GM SERVICE PARTS OPERATION					
Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Annual/Biennial Report					
 <u>Hazardous Waste Handler Details</u>						
Sequence No:	2					
Receive Date:	20120228					
Handler Name:	GENERAL MOTORS LLC					
Federal Waste Generator Code:	1					
Generator Code Description:	Large Quantity Generator					
Source Type:	Annual/Biennial Report update with Notification					
 <u>Waste Code Details</u>						
Hazardous Waste Code:	D002					
Waste Code Description:	CORROSIVE WASTE					
Hazardous Waste Code:	D008					
Waste Code Description:	LEAD					
Hazardous Waste Code:	D018					
Waste Code Description:	BENZENE					
Hazardous Waste Code:	F002					
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.					
Hazardous Waste Code:	F005					
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code: Waste Code Description:		U041			EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-	
Hazardous Waste Code: Waste Code Description:		U121			METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE	
Hazardous Waste Code: Waste Code Description:		D001			IGNITABLE WASTE	
Hazardous Waste Code: Waste Code Description:		D007			CHROMIUM	
Hazardous Waste Code: Waste Code Description:		D011			SILVER	
Hazardous Waste Code: Waste Code Description:		D039			TETRACHLOROETHYLENE	
Hazardous Waste Code: Waste Code Description:		F003			THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
Hazardous Waste Code: Waste Code Description:		P042			1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE	

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20160229
Handler Name: GENERAL MOTORS LLC CUSTOMER CARE AND AFTERSALES FLINT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U226				
Waste Code Description:		ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		7				
Receive Date:		20220223				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
	Hazardous Waste Code:		F019			
	Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.			
	Hazardous Waste Code:		P081			
	Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)			
	<u>Hazardous Waste Handler Details</u>					
	Sequence No:		4			
	Receive Date:		20190411			
	Handler Name:		GENERAL MOTORS LLC			
	Federal Waste Generator Code:		1			
	Generator Code Description:		Large Quantity Generator			
	Source Type:		Implementer			
	<u>Waste Code Details</u>					
	Hazardous Waste Code:		D001			
	Waste Code Description:		IGNITABLE WASTE			
	<u>Hazardous Waste Handler Details</u>					
	Sequence No:		4			
	Receive Date:		19960228			
	Handler Name:		GMC, SERVICE PARTS OPERATIONS			
	Federal Waste Generator Code:		1			
	Generator Code Description:		Large Quantity Generator			
	Source Type:		Annual/Biennial Report			
	<u>Hazardous Waste Handler Details</u>					
	Sequence No:		14			
	Receive Date:		20110404			
	Handler Name:		GENERAL MOTORS LLC			
	Federal Waste Generator Code:		1			
	Generator Code Description:		Large Quantity Generator			
	Source Type:		Notification			
	<u>Waste Code Details</u>					
	Hazardous Waste Code:		D001			
	Waste Code Description:		IGNITABLE WASTE			
	<u>Hazardous Waste Handler Details</u>					
	Sequence No:		11			
	Receive Date:		20080227			
	Handler Name:		GENERAL MOTORS LLC			
	Federal Waste Generator Code:		1			
	Generator Code Description:		Large Quantity Generator			
	Source Type:		Notification			
	<u>Waste Code Details</u>					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		20				
Receive Date:		20180723				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		17				
Receive Date:		20150610				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		19				
Receive Date:		20170727				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		20140228				
Handler Name:		GENERAL MOTORS LLC CUSTOMERCARE AND AFTERSALES FLINT				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code: Waste Code Description:		D008 LEAD				
Hazardous Waste Code: Waste Code Description:		D018 BENZENE				
Hazardous Waste Code: Waste Code Description:		D035 METHYL ETHYL KETONE				
Hazardous Waste Code: Waste Code Description:		F005 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code: Waste Code Description:		U002 2-PROPANONE (I) (OR) ACETONE (I)				
Hazardous Waste Code: Waste Code Description:		U154 METHANOL (I) (OR) METHYL ALCOHOL (I)				
Hazardous Waste Code: Waste Code Description:		D001 IGNITABLE WASTE				
Hazardous Waste Code: Waste Code Description:		D007 CHROMIUM				
Hazardous Waste Code: Waste Code Description:		D009 MERCURY				
Hazardous Waste Code: Waste Code Description:		D022 CHLOROFORM				
Hazardous Waste Code: Waste Code Description:		F003 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code: Waste Code Description:		F019 WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code: Waste Code Description:		U044 CHLOROFORM (OR) METHANE, TRICHLORO-				
Hazardous Waste Code: Waste Code Description:		U161 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20000301
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	10
Receive Date:	20060228
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	6
Receive Date:	20000225
Handler Name:	GM SERVICE PARTS OPERATION
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No:	8
Receive Date:	20040301
Handler Name:	GENERAL MOTORS CORPORATION
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19801118
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Part A

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20100203
Handler Name:	GENERAL MOTORS LLC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code: Waste Code Description:		D002 CORROSIVE WASTE				
Hazardous Waste Code: Waste Code Description:		D018 BENZENE				
Hazardous Waste Code: Waste Code Description:		F003 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code: Waste Code Description:		U075 DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-				
Hazardous Waste Code: Waste Code Description:		D001 IGNITABLE WASTE				
Hazardous Waste Code: Waste Code Description:		D008 LEAD				
Hazardous Waste Code: Waste Code Description:		D039 TETRACHLOROETHYLENE				
Hazardous Waste Code: Waste Code Description:		F005 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20020228
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20040225
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 16
Receive Date: 20140625
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900322
Handler Name: GM SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980227
Handler Name: GMC, SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080301
Handler Name: GENERAL MOTORS CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	
Name:	GMC WHSG & DISTRIB DIV FLINT	Street 2:	
Date Became Current:	19581115	City:	
Date Ended Current:		State:	
Phone:		Country:	
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	

Owner/Operator Ind:	Current Owner	Street No:	300
Type:	Private	Street 1:	RENAISSANCE CENTER
Name:	GENERAL MOTORS LLC	Street 2:	
Date Became Current:	20090710	City:	DETROIT
Date Ended Current:		State:	MI
Phone:	810-635-5069	Country:	
Source Type:	Annual/Biennial Report update with Notification	Zip Code:	48265

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	
Name:	GMC WHSG & DISTRIB DIV FLINT	Street 2:	
Date Became Current:	19581115	City:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL ROAD	
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19700101			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Date Became Current:	20090710			City:	DETROIT	
Date Ended Current:				State:	MI	
Phone:	810-635-5069			Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTOTS LLC			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Date Became Current:	20090710			City:	DETROIT	
Date Ended Current:				State:	MI	
Phone:	810-635-4069			Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19010101			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC			Street 2:	300 RENAISSANCE DRIVE	
Date Became Current:	20090710			City:	DETROIT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Date Became Current:	20090710			City:	FLINT	
Date Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	48554-9012	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Date Became Current:	20090710			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Date Became Current:	19581115			City:		
Date Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		

Historical Handler Details

Receive Dt:	20190410
Generator Code Description:	Small Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20000225
Generator Code Description:	Large Quantity Generator
Handler Name:	GM SERVICE PARTS OPERATION
Receive Dt:	20080227
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	19960228
Generator Code Description:	Large Quantity Generator
Handler Name:	GMC, SERVICE PARTS OPERATIONS
Receive Dt:	20110404
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20180723
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20120228
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20170727
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20060301
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS CORPORATION
Receive Dt:	20180221
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	19900322
Generator Code Description:	Large Quantity Generator
Handler Name:	GM SERVICE PARTS OPERATIONS
Receive Dt:	20031222
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20091005

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
Generator Code Description: Handler Name:					Large Quantity Generator GENERAL MOTORS LLC	
Receive Dt: Generator Code Description: Handler Name:				20080301 Large Quantity Generator GENERAL MOTORS CORPORATION		
Receive Dt: Generator Code Description: Handler Name:				20140625 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20040301 Large Quantity Generator GENERAL MOTORS CORPORATION		
Receive Dt: Generator Code Description: Handler Name:				20160809 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20020301 Large Quantity Generator GM SERVICE PARTS OPERATION		
Receive Dt: Generator Code Description: Handler Name:				20060228 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				19940224 Large Quantity Generator GMC, SERVICE PARTS OPERATIONS		
Receive Dt: Generator Code Description: Handler Name:				20000301 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20160229 Large Quantity Generator GENERAL MOTORS LLC CUSTOMER CARE AND AFTERSALES FLINT		
Receive Dt: Generator Code Description: Handler Name:				20040225 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20010101 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20100203 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20200227 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				19980227 Large Quantity Generator GMC, SERVICE PARTS OPERATIONS		
Receive Dt: Generator Code Description: Handler Name:				20150610 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description: Handler Name:				20131105 Large Quantity Generator GENERAL MOTORS LLC		
Receive Dt: Generator Code Description:				20220223 Large Quantity Generator		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20140228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC CUSTOMERCARE AND AFTERSALES FLINT				
Receive Dt:		20030414				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20020228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20091130				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19950728				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19920227				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GM SERVICE PARTS OPERATIONS				
Receive Dt:		20190411				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19801118				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19800818				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				

<u>1</u>	3 of 19	ESE	0.12 / 608.40	778.04 / -9	General Motors Corp 6060 W BRISTOL FLINT MI 48554-0001	UST
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Facility ID:	00001461
Facility Status:	Inactive
Facility Name:	General Motors Corp
Fac Street No:	6060
Fac Street Direc:	W
Fac Street Name:	BRISTOL
Fac Suffix Type:	
Fac Suffix Direc:	
Facility City:	FLINT
Facility Zip:	48554-0001
Facility County:	GENESEE
Facility State:	MI
Fac Name (Map):	General Motors Corp
Address (Map):	6060 W BRISTOL
City (Map):	FLINT
Zip code (Map):	48554
County (Map):	Genesee
Latitude (Map):	42.972576
Longitude (Map):	-83.79272
Geometry(Map):	MULTIPOINT (-83.79271529764975 42.97256775095657)
Facility Name (RIDE):	General Motors Corp
Full Address (RIDE):	6060 W BRISTOL, FLINT, MI, 48554
City (RIDE):	FLINT
County (RIDE):	Genesee
Township (RIDE):	Flint
Latitude (RIDE):	42.972576

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Longitude (RIDE): -83.79272
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map); EGLE Remediation Information Data Exchange Part 211 (RIDE)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	8000
New Tank ID No:	UTK-057811-15	Tank Install Date:	05/02/1958
Tank Status:	Removed from Ground	Tank Removal Date:	05/01/1984
Tank Content:	Other(PAINT4)		

Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	3	Tank Capacity:	250
New Tank ID No:	UTK-057819-15	Tank Install Date:	05/02/1958
Tank Status:	Removed from Ground	Tank Removal Date:	05/01/1984
Tank Content:	Kerosene		

Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	5	Tank Capacity:	1000
New Tank ID No:	UTK-057825-15	Tank Install Date:	05/02/1958
Tank Status:	Removed from Ground	Tank Removal Date:	06/01/1981
Tank Content:	Gasoline		

Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	4	Tank Capacity:	250
New Tank ID No:	UTK-057823-15	Tank Install Date:	05/02/1958
Tank Status:	Removed from Ground	Tank Removal Date:	05/01/1984
Tank Content:	Other(PAINT)		

Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	2	Tank Capacity:	8000
New Tank ID No:	UTK-057816-15	Tank Install Date:	05/02/1958
Tank Status:	Removed from Ground	Tank Removal Date:	05/01/1984
Tank Content:	Kerosene		

Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

EGLE Environmental Mapper

Owner ID:	5972	Accuracy:	100
Open LUST:	Yes	Acc Unit:	FEET
Closed LUST:	No	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	NO
District Name:	Lansing District Office	Desc Cater:	Plant Entrance (Freight)
H Datum:	NAD83		
Collection Method:	Address Matching-House Number		

Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: GM Corp
Owner Address: 6060 W Bristol Rd
Owner City: Flint
Owner State: MI
Owner Zip: 48554
Owner Phone: 8106356349

Tank Details

Release Status:	Closed	EGLE District:	Lansing
Risk Condition:	No Known Risks	Senate District:	
Regulatory Program:	211	House District:	
Project Manager:	Sweet, Clinton	US Congress Dist:	

1	4 of 19	ESE	0.12 / 608.40	778.04 / -9	General Motors Corp 6060 W BRISTOL FLINT MI 48554	DELISTED LUST
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Delisted Leaking Underground Storage Tank

Facility ID:	00001461	Facility Phone:	
Active Tanks:		Facility County:	Genesee
Desc Category:	Plant Entrance (Freight)	Facility District:	Lansing District Office
Source:	STATE OF MICHIGAN	Latitude:	42.9725760000
Owner Address:	6060 W Bristol Rd	Longitude:	-83.7927200000
Owner City:	Flint	Date of Collection:	01-11-2001
Owner State:	MI	Accuracy:	100
Owner Zip:	48554	Accuracy Unit:	FEET
Owner Country:	USA	Horizontal Datum:	NAD83
Owner Contact:		Point Line Area:	POINT
Owner Phone:	(810) 635-6349		
GIS Collection:	Address Matching-House Number		
Owner Name:	GM Corp		
Facility Contact Person:			
Site Status Desc:			
Original Source:	LUST		
Record Date:	12-FEB-2016		

1	5 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 Bristol Rd. Swartz Creek MI	SPILLS
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Incident No:		GF Comp Date:	
Incident No Related:		Weather or Wind:	
Complainant Type:		Wind Direction:	
Observed Date:		Rain Condition:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<div> <div> Observed Time: Occurred Date: 11/20/2000 Occurred Time: 2:15:00 PM Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: Ambs Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: Mercury/1 pound Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Rebecca Taylor Lead Division 1: ERD Lead Division 2: Source File: Description 1 (2): </div> <div> Old Wind Direction: Name of Water Body: None Last Updated Date: Operator In: District: Lansing Office/After Hours: Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 11/21/2000 Time Stamp: 10:18:00 AM PEAS Dispatcher: Special Referral: Date and Time Stamp: Optrinit: Optrno: Smu3init: Pecctime: Peccddate: District Backup: Incident Township: Incident County: Genesee Latitude: Longitude: </div> </div>						
1	6 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Road Swartz Creek MI	SPILLS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Incident No:	12382				GF Comp Date:	2/24/2015 22:24
Incident No Related:	NRC 1108777				Weather or Wind:	
Complainant Type:	Company				Wind Direction:	
Observed Date:					Rain Condition:	
Observed Time:					Old Wind Direction:	
Occurred Date:	2/22/2015				Name of Water Body:	storm sewer
Occurred Time:	9:00				Last Updated Date:	2/24/2015 22:24
Date Discovered:					Operator In:	
Time Dis Orig Entr:					District:	Lansing
Pollutant Released:					Office/After Hours:	After Hrs.
Amt Released Air:					Ambs Intake Agent:	
Amt Rel Ground:					Observed Time Keep:	
Amt Rel Water:	unknown				Tm Stamp Hr Orig:	
Volume Recovered:					Int Time Format:	
Cleanup Comp Date:					Time Corr Format:	
Rel Incident Contr:					Date Stamp:	2/22/2015
Rel Inci Contr De:					Time Stamp:	15:05
Incident Ongoing:	No				PEAS Dispatcher:	
Source:	GF				Special Referral:	
Agencies Notified:					Date and Time Stamp:	
Date Rec DEQ Staff:					Optrinit:	
Time Rec DEQ Staff:					Optrno:	
Div or On-Call:					Smu3init:	
Time DEQ Paged:					Pecctime:	
AMBS Time DEQ Call:					Peccddate:	
No Staff Contacts:					District Backup:	
Post Review Init:					Incident Township:	
Referral Notes:					Incident County:	Genesee
Cleanup Contractor:	not needed				Latitude:	
PWS:	Not Applicable				Longitude:	
Material Released:		none that they are aware of				
Cleanup Efforts:						
Incident Cross Str:						
Party Involved Type:		Company				
Party Inv. Contact:		Todd Rouse				
Party Inv Company:						
Party Inv. Phone 1:		(419) 205-2667				
Party Inv. Phone 2:						
Party Inv Address:		6060 W Bristol Road				
Party Inv City:		Swartz Creek				
Party Inv. State:		Michigan				
Party Inv. Zip:						
Complaint Employer:		General Motors				
Complainant City:		Swartz Creek				
Complainant State:		Michigan				
Zip Complainant:						
Complainant Name:						
Complainant Phone 1:						
Complainant Phone 2:						
Complainant Street Address:						
Emergency Crews:						
Description - 1:		Cooling tower water released from their rooftop cooling water unit due to the drain getting plugged up with either ice or something else.				
Description - 2:						
Description - 3:						
Description - 4:						
Description - 5:						
Description - 6:						
Brief Description:		Flooded rooftop cooling tower water				
Peas Admin Section:						
Sensitive Information:						
DEQ Primary:						
Lead Division 1:		WRD-WQ				
Lead Division 2:						
Source File:						
Description 1 (2):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	7 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Road Swartz Creek MI	SPILLS
<div> <div> Incident No: 12382 Incident No Related: NRC 1108777 Complainant Type: Company Observed Date: Observed Time: Occurred Date: 2/22/2015 0:00 Occurred Time: 9:00 Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: unknown Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: not needed PWS: Not Applicable Material Released: none that they are aware of Cleanup Efforts: Incident Cross Str: Party Involved Type: Company Party Inv. Contact: Todd Rouse Party Inv Company: General Motors Party Inv. Phone 1: (419) 205-2667 Party Inv. Phone 2: Party Inv Address: 6060 W Bristol Road Party Inv City: Swartz Creek Party Inv. State: Michigan Party Inv. Zip: Complaint Employer: General Motors Complainant City: Swartz Creek Complainant State: Michigan Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Flooded rooftop cooling tower water Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: WRD-WQ Lead Division 2: Source File: GF All Records to 2016 07 01 F 3539 records </div> <div> GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: storm sewer Last Updated Date: 3/9/2015 15:05 Operator In: District: Lansing Office/After Hours: After Hrs. Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: 3/9/2015 15:05 Int Time Format: Time Corr Format: Date Stamp: 2/22/2015 Time Stamp: 15:05 PEAS Dispatcher: Special Referral: Date and Time Stamp: Optrin: Optrno: Smu3init: Pecctime: Peccddate: District Backup: Incident Township: Incident County: Genesee Latitude: Longitude: </div> </div>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Description 1 (2):

Cooling tower water released from their rooftop cooling water unit due to the drain getting plugged up with either ice or something else.

1	8 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 West Bristols Rd Flint MI	SPILLS
<div> <div> Incident No: 20150723-142714 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 7/23/2015 Occurred Time: 11:00:00 AM Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: Ambs Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: Potable Water Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: </div> <div> GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Swartz Creek Last Updated Date: Operator In: District: Lansing Office/After Hours: OFFICE HOURS Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 7/23/2015 Time Stamp: 2:27:00 PM PEAS Dispatcher: SMS Special Referral: Date and Time Stamp: Optrinit: Optrno: Smu3init: Pecctime: Pecccdate: District Backup: Incident Township: Incident County: Genesee Latitude: Longitude: </div> </div>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Peas Admin Section:
 Sensitive Information:
 DEQ Primary:
 Lead Division 1:
 Lead Division 2:
 Source File:
 Description 1 (2):

1	9 of 19	ESE	0.12 / 608.40	778.04 / -9	GENERAL MOTORS - CCA FLINT 6060 W BRISTOL RD FLINT MI 48554	WASTE
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Site ID:	MID003906773	Contact Name:	
WDS ID:	392938	County:	GENESEE
Legal Name:	GENERAL MOTORS LLC		

1	10 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Rd Flint MI	SPILLS
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Incident No:	16326	GF Comp Date:	
Incident No Related:		Weather or Wind:	
Complainant Type:		Wind Direction:	
Observed Date:		Rain Condition:	
Observed Time:		Old Wind Direction:	
Occurred Date:		Name of Water Body:	None
Occurred Time:		Last Updated Date:	
Date Discovered:		Operator In:	
Time Dis Orig Entr:		District:	Lansing
Pollutant Released:		Office/After Hours:	Office Hrs.
Amt Released Air:		Ambs Intake Agent:	
Amt Rel Ground:		Observed Time Keep:	
Amt Rel Water:		Tm Stamp Hr Orig:	
Volume Recovered:		Int Time Format:	
Cleanup Comp Date:		Time Corr Format:	
Rel Incident Contr:		Date Stamp:	11/10/2016
Rel Inci Contr De:		Time Stamp:	3:04:00 PM
Incident Ongoing:		PEAS Dispatcher:	AP - EAC
Source:	GF	Special Referral:	
Agencies Notified:		Date and Time Stamp:	
Date Rec DEQ Staff:		Oprinit:	
Time Rec DEQ Staff:		Optrno:	
Div or On-Call:		Smu3init:	
Time DEQ Paged:		Pecctime:	
AMBS Time DEQ Call:		Peccdate:	
No Staff Contacts:		District Backup:	
Post Review Init:		Incident Township:	
Referral Notes:		Incident County:	Genesee
Cleanup Contractor:		Latitude:	
PWS:		Longitude:	
Material Released:	Sanitary sewer overflow		
Cleanup Efforts:			
Incident Cross Str:			
Party Involved Type:			
Party Inv. Contact:			
Party Inv Company:			
Party Inv. Phone 1:			
Party Inv. Phone 2:			
Party Inv Address:			
Party Inv City:			
Party Inv. State:			
Party Inv. Zip:			
Complaint Employer:			
Complainant City:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: Lead Division 2: Source File: Description 1 (2):						
		WRD-WQ				

1	11 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 West Bristol Road Swartz Creek MI	SPILLS
Incident No: 19253 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 5/20/2018 12:00:00 AM Occurred Time: 9:15:00 AM Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: GF Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: City Water with Chlorine Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City:						
GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Storm Sewer to Swartz Creek Last Updated Date: Operator In: District: Lansing Office/After Hours: After Hrs. Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 5/21/2018 12:00:00 AM Time Stamp: 6:43:00 PM PEAS Dispatcher: CR - PEAS Special Referral: Date and Time Stamp: Optrinitt: Optrno: Smu3init: Pecctime: Pecccdate: District Backup: Incident Township: Incident County: Genesee Latitude: Longitude:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: Lead Division 2: Source File: Description 1 (2):						
		Brian Zuber WRD-WQ				

<u>1</u>	12 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Road Swartz Creek MI	SPILLS
Incident No: 20277 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 10/7/2018 12:00:00 AM Occurred Time: 4:28:00 AM Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: GF Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: fresh water Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company:						
GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: storm sewer Last Updated Date: Operator In: District: Lansing Office/After Hours: After Hrs. Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 10/7/2018 12:00:00 AM Time Stamp: 11:08:00 AM PEAS Dispatcher: AH - PEAS Special Referral: Date and Time Stamp: Optrinit: Optrno: Smu3init: Pecctime: Peccddate: District Backup: Incident Township: Incident County: Genesee Latitude: Longitude:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: Lead Division 2: Source File: Description 1 (2):						

<u>1</u>	13 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Rd Swartz Creek MI	SPILLS
Incident No:	20332					
Incident No Related:						
Complainant Type:						
Observed Date:						
Observed Time:						
Occurred Date:						
Occurred Time:						
Date Discovered:						
Time Dis Orig Entr:						
Pollutant Released:						
Amt Released Air:						
Amt Rel Ground:						
Amt Rel Water:						
Volume Recovered:						
Cleanup Comp Date:						
Rel Incident Contr:						
Rel Inci Contr De:						
Incident Ongoing:						
Source:	GF					
Agencies Notified:						
Date Rec DEQ Staff:						
Time Rec DEQ Staff:						
Div or On-Call:						
Time DEQ Paged:						
AMBS Time DEQ Call:						
No Staff Contacts:						
Post Review Init:						
Referral Notes:						
Cleanup Contractor:						
PWS:						
Material Released:		Zinc Phosphate moisture				
Cleanup Efforts:						
GF Comp Date:						
Weather or Wind:						
Wind Direction:						
Rain Condition:						
Old Wind Direction:						
Name of Water Body:					storm sewer	
Last Updated Date:						
Operator In:						
District:					Lansing	
Office/After Hours:					Office Hrs.	
Amb's Intake Agent:						
Observed Time Keep:						
Tm Stamp Hr Orig:						
Int Time Format:						
Time Corr Format:						
Date Stamp:					10/17/2018 12:00:00 AM	
Time Stamp:					1:56:00 PM	
PEAS Dispatcher:					AP - EAC	
Special Referral:						
Date and Time Stamp:						
Optrinit:						
Optrno:						
Smu3init:						
Pecctime:						
Peccdate:						
District Backup:						
Incident Township:						
Incident County:					Genesee	
Latitude:						
Longitude:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: Lead Division 2: Source File: Description 1 (2):						
		WRD-WQ				

<u>1</u>	14 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Road Flint MI	SPILLS
Incident No: 20784 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 2/9/2019 12:00:00 AM Occurred Time: 7:25:00 PM Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: GF Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes:						
GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: storm sewer Last Updated Date: Operator In: District: Lansing Office/After Hours: After Hrs. Amb's Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 2/10/2019 12:00:00 AM Time Stamp: 8:15:00 AM PEAS Dispatcher: AH - PEAS Special Referral: Date and Time Stamp: Optrinit: Optrno: Smu3init: Pecctime: Peccdate: District Backup: Incident Township: Incident County: Genesee						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Contractor: PWS: Material Released: excess potable water Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: District D.L. Lead Division 2: Source File: Description 1 (2):						
				Latitude: Longitude:		

1	15 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W. Bristol Flint MI MI	SPILLS
Incident No: 20831 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 2/17/2019 12:00:00 AM Occurred Time: Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: GF Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged:						
				GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Storm Sewer Last Updated Date: Operator In: District: Lansing Office/After Hours: After Hrs. Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 2/18/2019 12:00:00 AM Time Stamp: 11:52:00 AM PEAS Dispatcher: DB- PEAS Special Referral: Date and Time Stamp: Optrinitt: Optrno: Smu3init: Pecctime:		

<u>1</u>	16 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Rd Swartz Creek MI	SPILLS
Incident No:	21171			GF Comp Date:		
Incident No Related:				Weather or Wind:		
Complainant Type:				Wind Direction:		
Observed Date:				Rain Condition:		
Observed Time:				Old Wind Direction:		
Occurred Date:	4/23/2019 12:00:00 AM			Name of Water Body:	No	
Occurred Time:	11:15:00 AM			Last Updated Date:		
Date Discovered:				Operator In:		
Time Dis Orig Entr:				District:	Lansing	
Pollutant Released:				Office/After Hours:	Office Hrs.	
Amt Released Air:				Ambs Intake Agent:		
Amt Rel Ground:				Observed Time Keep:		
Amt Rel Water:				Tm Stamp Hr Orig:		
Volume Recovered:				Int Time Format:		
Cleanup Comp Date:				Time Corr Format:		
Rel Incident Contr:				Date Stamp:	4/24/2019 12:00:00 AM	
Rel Inci Contr De:				Time Stamp:	10:12:00 AM	
Incident Ongoing:				PEAS Dispatcher:	JC - EAC	
Source:	GF			Special Referral:		
Agencies Notified:				Date and Time Stamp:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: Lead Division 2: Source File: Description 1 (2):		Untreated sewage			Optrinit: Optrno: Smu3init: Pecctime: Pecccdate: District Backup: Incident Township: Incident County: Genesee Latitude: Longitude:	
		Chuck Bennett RRD				

<u>1</u>	17 of 19	ESE	0.12 / 608.40	778.04 / -9	6060 W Bristol Road Flint MI	SPILLS
Incident No: Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: Occurred Time: Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr:	20782				GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Last Updated Date: Operator In: District: Office/After Hours: Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp:	Lansing After Hrs. 2/9/2019 12:00:00 AM
	2/8/2019 12:00:00 AM 11:32:00 PM					

1	18 of 19	ESE	0.12 / 608.40	778.04 / -9	GM CCA FLINT 6060 W BRISTOL RD SWARTZ CREEK MI 48554	PCB
<hr/>						
Site ID:	MID003906773			Mail Address 1:	6060 W BRISTOL RD	
Receive Date:				Mail Address 2:		
Generator:	Yes			Mail Street No:		
Storer:	No			Mail City:	SWARTZ CREEK	
Transporter:	No			Mail State:	MI	
Disposer:	No			Mail Zip:	48554	
Research:	No			Mail Country:	US	
Smelter:	No			Contact Name:	DARREN DIMMA	
Cert Title:				Contact Title:		
Cert Date:	5/6/2019 12:00:00 AM			Contact Phone:	810-635-5069	
Cert Name:				Contact Phone Ext:		
Location Country:	US			Contact Email:	DARREN.DIMMA@GM.COM	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
State Name: MICHIGAN Region: 05		Owner Name: GENERAL MOTORS LLC				

1	19 of 19	ESE	0.12 / 608.40	778.04 / -9	GENERAL MOTORS LLC 6060 W BRISTOL RD CCA FLINT MI 48554	RCRA LQG
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EPA Handler ID: MID003906773
Gen Status Universe: Large Quantity Generator
Contact Name: MARIANNE SECREST
Contact Address:
Contact Phone No and Ext: 248-535-5035
Contact Email: MARIANNE.SECREST@GM.COM
Contact Country:
County Name: GENESEE
EPA Region: 05
Land Type: Private
Receive Date: 20220224
Location Latitude: 42.97291
Location Longitude: -83.79151

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Permits - General Information
Violation Type: 270.A
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Found Violation:		Yes				
Citation:						
Violation Short Description:		LDR - General				
Violation Type:		268.A				
Violation Determined Date:		19940706				
Scheduled Compliance Date:		19940808				
Return to Compliance:		Observed				
Actual Return to Compl:		19950814				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19940706				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19940706				
Scheduled Compliance Date:		19940808				
Return to Compliance:		Observed				
Actual Return to Compl:		19950814				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19940706				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19910213				
Scheduled Compliance Date:		19910327				
Return to Compliance:		Observed				
Actual Return to Compl:		19920221				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19910312				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19890602
Scheduled Compliance Date: 19890622
Return to Compliance: Observed
Actual Return to Compl: 19891103
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890605
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19870310
Scheduled Compliance Date: 19870330
Return to Compliance: Observed
Actual Return to Compl: 19870330
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19870316
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Violation Type: 265.D
Violation Determined Date: 20070807
Scheduled Compliance Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - Manifest/Records/Reporting				
Violation Type:		264.E				
Violation Determined Date:		19850130				
Scheduled Compliance Date:		19850212				
Return to Compliance:		Observed				
Actual Return to Compl:		19850212				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19850204				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Used Oil - Generators				
Violation Type:		279.C				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
 <u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD IS-Preparedness and Prevention				
Violation Type:		265.C				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
 <u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
 <u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD IS-Container Use and Management				
Violation Type:		265.I				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19990820
Scheduled Compliance Date: 19991008
Return to Compliance: Documented
Actual Return to Compl: 20010425
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19990820
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19990820
Scheduled Compliance Date: 19991008
Return to Compliance: Documented
Actual Return to Compl: 20010425
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19990820				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Generators - Pre-transport				
Violation Type:		262.C				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Permits - Application				
Violation Type:		270.B				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Final Amount:

Paid Amount:

Enforcement Type: 140
 Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
 Enforcement Action Date: 20090911
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: EPA
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD - General
 Violation Type: 264.A
 Violation Determined Date: 19860129
 Scheduled Compliance Date: 19860220
 Return to Compliance: Observed
 Actual Return to Compl: 19870316
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19860203
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD IS-Ground-Water Monitoring
 Violation Type: 265.F
 Violation Determined Date: 19850905
 Scheduled Compliance Date: 19851213
 Return to Compliance: Observed
 Actual Return to Compl: 19860113
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19851118
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19840620				
Scheduled Compliance Date:		19840730				
Return to Compliance:		Observed				
Actual Return to Compl:		19840906				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19840624				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Used Oil - Applicability				
Violation Type:		279.B				
Violation Determined Date:		20070807				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20091103				
Violation Responsible Agency:		EPA				
<u>Enforcement Details</u>						
Enforcement Type:		140				
Enforcement Type Description:		LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION				
Enforcement Action Date:		20090911				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20071130				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		EPA				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		LDR - General				
Violation Type:		268.A				
Violation Determined Date:		19910213				
Scheduled Compliance Date:		19910327				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Return to Compliance:		Observed				
Actual Return to Compl:		19920221				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19910312				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Generators - Manifest				
Violation Type:		262.B				
Violation Determined Date:		19990820				
Scheduled Compliance Date:		19991008				
Return to Compliance:		Documented				
Actual Return to Compl:		20010425				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19990820				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		TSD - General				
Violation Type:		264.A				
Violation Determined Date:		19880225				
Scheduled Compliance Date:		19880401				
Return to Compliance:		Observed				
Actual Return to Compl:		19880324				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19880301				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Closure/Post-Closure
Violation Type: 264.G
Violation Determined Date: 19840620
Scheduled Compliance Date: 19840730
Return to Compliance: Observed
Actual Return to Compl: 19840906
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19840624
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-General Facility Standards
Violation Type: 265.B
Violation Determined Date: 20070807
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091103
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 140
Enforcement Type Description: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Action Date: 20090911
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071130
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20091103
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Short Description:					TSD IS-Contingency Plan and Emergency Procedures	
Return to Compliance Date:					20091103	
Evaluation Agency:					EPA	
Evaluation Start Date:					20081010	
Evaluation Type Description:					SIGNIFICANT NON-COMPLIER	
Violation Short Description:					Used Oil - Generators	
Return to Compliance Date:					20091103	
Evaluation Agency:					EPA	
Evaluation Start Date:					19890830	
Evaluation Type Description:					FINANCIAL RECORD REVIEW	
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:					State	
Evaluation Start Date:					20070807	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:					TSD IS-General Facility Standards	
Return to Compliance Date:					20091103	
Evaluation Agency:					EPA	
Evaluation Start Date:					20081010	
Evaluation Type Description:					SIGNIFICANT NON-COMPLIER	
Violation Short Description:					Permits - General Information	
Return to Compliance Date:					20091103	
Evaluation Agency:					EPA	
Evaluation Start Date:					19910213	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:					LDR - General	
Return to Compliance Date:					19920221	
Evaluation Agency:					State	
Evaluation Start Date:					19910213	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:					TSD - General	
Return to Compliance Date:					19920221	
Evaluation Agency:					State	
Evaluation Start Date:					19840906	
Evaluation Type Description:					COMPLIANCE SCHEDULE EVALUATION	
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:					State	
Evaluation Start Date:					19900517	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:					State	
Evaluation Start Date:					19870310	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:					TSD - General	
Return to Compliance Date:					19870330	
Evaluation Agency:					State	
Evaluation Start Date:					19840620	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:					TSD - General	
Return to Compliance Date:					19840906	
Evaluation Agency:					State	
Evaluation Start Date:					20220913	
Evaluation Type Description:					COMPLIANCE EVALUATION INSPECTION ON-SITE	
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:					State	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - Pre-transport 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER TSD IS-General Facility Standards 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20091103 NOT A SIGNIFICANT NON-COMPLIER TSD IS-Container Use and Management 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20091103 NOT A SIGNIFICANT NON-COMPLIER Used Oil - Generators 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER TSD IS-Container Use and Management 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER Permits - Application 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE Permits - General Information 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19940624 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - General 19950814 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19850530 COMPLIANCE EVALUATION INSPECTION ON-SITE State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20091103 NOT A SIGNIFICANT NON-COMPLIER Used Oil - Applicability 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE State				
Evaluation Start Date: Evaluation Type Description:		19860129 COMPLIANCE EVALUATION INSPECTION ON-SITE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Short Description: Return to Compliance Date: Evaluation Agency:		TSD - General 19870316 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19900919 FINANCIAL RECORD REVIEW State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19920921 FINANCIAL RECORD REVIEW State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19840620 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - Closure/Post-Closure 19840906 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20120912 COMPLIANCE EVALUATION INSPECTION ON-SITE State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20070807 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD IS-Preparedness and Prevention 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20091103 NOT A SIGNIFICANT NON-COMPLIER Permits - General Information 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19880225 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - General 19880324 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		19850130 COMPLIANCE EVALUATION INSPECTION ON-SITE TSD - Manifest/Records/Reporting 19850212 State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20081010 SIGNIFICANT NON-COMPLIER Generators - Pre-transport 20091103 EPA				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20161101 COMPLIANCE EVALUATION INSPECTION ON-SITE State				
Evaluation Start Date: Evaluation Type Description: Violation Short Description: Return to Compliance Date: Evaluation Agency:		20091103 NOT A SIGNIFICANT NON-COMPLIER TSD IS-Preparedness and Prevention 20091103 EPA				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<hr/>						
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Used Oil - Applicability				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19950810				
Evaluation Type Description:		FOLLOW-UP INSPECTION				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		19920220				
Evaluation Type Description:		FOLLOW-UP INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19860401				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Used Oil - Generators				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19890602				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD - General				
Return to Compliance Date:		19891103				
Evaluation Agency:		State				
Evaluation Start Date:		19920918				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19910904				
Evaluation Type Description:		FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Contingency Plan and Emergency Procedures				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19850905				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Ground-Water Monitoring				
Return to Compliance Date:		19860113				
Evaluation Agency:		State				
Evaluation Start Date:		19950810				
Evaluation Type Description:		FOLLOW-UP INSPECTION				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Short Description:		TSD - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19891103				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19940624				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		LDR - General				
Return to Compliance Date:		19950814				
Evaluation Agency:		State				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-General Facility Standards				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20081010				
Evaluation Type Description:		SIGNIFICANT NON-COMPLIER				
Violation Short Description:		TSD IS-Preparedness and Prevention				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20091103				
Evaluation Type Description:		NOT A SIGNIFICANT NON-COMPLIER				
Violation Short Description:		Permits - Application				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		19990817				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Generators - General				
Return to Compliance Date:		20010425				
Evaluation Agency:		State				
Evaluation Start Date:		19990817				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Generators - Manifest				
Return to Compliance Date:		20010425				
Evaluation Agency:		State				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Container Use and Management				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		TSD IS-Contingency Plan and Emergency Procedures				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				
Evaluation Start Date:		20070807				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION ON-SITE				
Violation Short Description:		Used Oil - Applicability				
Return to Compliance Date:		20091103				
Evaluation Agency:		EPA				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Start Date: 19990817
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20010425
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801118
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 12
Receive Date: 20091005
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 22
Receive Date: 20220224
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980227
Handler Name: GMC, SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20200227
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20010101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		11				
Receive Date:		20080227				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		4				
Receive Date:		19960228				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		4				
Receive Date:		20160229				
Handler Name:		GENERAL MOTORS LLC CUSTOMER CARE AND AFTERSALES FLINT				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		U226				
Waste Code Description:		ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS. AND A TOTAL OF TEN				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
	Hazardous Waste Code: Waste Code Description:	D003 REACTIVE WASTE				
	Hazardous Waste Code: Waste Code Description:	F002 THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
	Hazardous Waste Code: Waste Code Description:	F019 WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
	Hazardous Waste Code: Waste Code Description:	D039 TETRACHLOROETHYLENE				
	Hazardous Waste Code: Waste Code Description:	F005 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
	Hazardous Waste Code: Waste Code Description:	D011 SILVER				
	Hazardous Waste Code: Waste Code Description:	D007 CHROMIUM				
	Hazardous Waste Code: Waste Code Description:	D006 CADMIUM				

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20000301
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20030414
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		15				
Receive Date:		20131105				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		19940224				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		6				
Receive Date:		20000225				
Handler Name:		GM SERVICE PARTS OPERATION				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		8				
Receive Date:		20040301				
Handler Name:		GENERAL MOTORS CORPORATION				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		7				
Receive Date:		20220223				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		P081				
Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19800818
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20040225
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 13
Receive Date: 20091130
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		17				
Receive Date:		20150610				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		19950728				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Implementer				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		8				
Receive Date:		20031222				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		6				
Receive Date:		20020228				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 14
Receive Date: 20110404
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 16
Receive Date: 20140625
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 19
Receive Date: 20170727
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120228
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: P042

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		D018				
Waste Code Description:		BENZENE				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		U121				
Waste Code Description:		METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U041				
Waste Code Description:		EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		4				
Receive Date:		20190411				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Implementer				

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		10				
Receive Date:		20060228				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		20				
Receive Date:		20180723				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		18				
Receive Date:		20160809				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		21				
Receive Date:		20190410				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920227
Handler Name: GM SERVICE PARTS OPERATIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080301
Handler Name: GENERAL MOTORS CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020301
Handler Name: GM SERVICE PARTS OPERATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100203
Handler Name: GENERAL MOTORS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U075
Waste Code Description: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Hazardous Waste Code: F005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		3				
Receive Date:		20140228				
Handler Name:		GENERAL MOTORS LLC CUSTOMERCARE AND AFTERSALES FLINT				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U044				
Waste Code Description:		CHLOROFORM (OR) METHANE, TRICHLORO-				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D018				
Waste Code Description:		BENZENE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D035				
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		U161				
Waste Code Description:		4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-				
Hazardous Waste Code:		U154				
Waste Code Description:		METHANOL (I) (OR) METHYL ALCOHOL (I)				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		D022				
Waste Code Description:		CHLOROFORM				
Hazardous Waste Code:		F005				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		D009				
Waste Code Description:		MERCURY				
Hazardous Waste Code:		U002				
Waste Code Description:		2-PROPANONE (I) (OR) ACETONE (I)				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		1				
Receive Date:		19900322				
Handler Name:		GM SERVICE PARTS OPERATIONS				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		9				
Receive Date:		20060301				
Handler Name:		GENERAL MOTORS CORPORATION				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		5				
Receive Date:		20180221				
Handler Name:		GENERAL MOTORS LLC				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		P009				
Waste Code Description:		AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)				
Hazardous Waste Code:		P042				
Waste Code Description:		1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE				
Hazardous Waste Code:		D039				
Waste Code Description:		TETRACHLOROETHYLENE				
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		U226				
Waste Code Description:		ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM				
Hazardous Waste Code:		D003				
Waste Code Description:		REACTIVE WASTE				
Hazardous Waste Code:		D035				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		METHYL ETHYL KETONE				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F019				
Waste Code Description:		WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.				
Hazardous Waste Code:		F003				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		P081				
Waste Code Description:		1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)				
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		D011				
Waste Code Description:		SILVER				
Hazardous Waste Code:		F005				
Waste Code Description:		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	GMC WHSG & DISTRIB DIV FLINT	Street 2:
Dt Became Current:	19581115	City:
Dt Ended Current:		State:
Phone:		Country:
Source Type:	Annual/Biennial Report update with Notification	Zip Code:
Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	GMC WHSG & DISTRIB DIV FLINT	Street 2:
Dt Became Current:	19581115	City:
Dt Ended Current:		State:
Phone:		Country:
Source Type:	Implementer	Zip Code:
Owner/Operator Ind:	Current Owner	Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1:	6060 W BRISTOL RD
Name:	GENERAL MOTORS LLC				Street 2:	MAIL CODE 485-549-015
Dt Became Current:	20090710				City:	FLINT
Dt Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Implementer				Zip Code:	48554-9012
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)				Street 2:	
Dt Became Current:	20090710				City:	
Dt Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	GENERAL MOTORS LLC CCA FLINT				Street 2:	
Dt Became Current:	20090710				City:	
Dt Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	GMC WHSG & DISTRIB DIV FLINT				Street 2:	
Dt Became Current:	19700101				City:	
Dt Ended Current:					State:	
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	6060 W BRISTOL ROAD
Name:	GENERAL MOTORS LLC CCA FLINT				Street 2:	
Dt Became Current:	20090710				City:	FLINT
Dt Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	48554
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	GMC WHSG & DISTRIB DIV FLINT				Street 2:	
Dt Became Current:	19581115				City:	
Dt Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	300
Type:	Private				Street 1:	RENAISSANCE CENTER
Name:	GENERAL MOTORS LLC				Street 2:	
Dt Became Current:	20090710				City:	DETROIT
Dt Ended Current:					State:	MI
Phone:	810-635-5069				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	48265
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	GENERAL MOTOTS LLC				Street 2:	
Dt Became Current:	20090710				City:	
Dt Ended Current:					State:	
Phone:					Country:	
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	6060 W BRISTOL RD
Name:	GENERAL MOTORS LLC				Street 2:	MAIL CODE 485-549-015
Dt Became Current:	20090710				City:	FLINT
Dt Ended Current:					State:	MI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Phone:				Country:	US	
Source Type:	Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Dt Became Current:	20090710			City:	DETROIT	
Dt Ended Current:				State:	MI	
Phone:	810-635-4069			Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Dt Became Current:	20090710			City:	FLINT	
Dt Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Dt Became Current:	20090710			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Dt Became Current:	20090710			City:	FLINT	
Dt Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Implementer			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Dt Became Current:	20090710			City:	FLINT	
Dt Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19010101			City:		
Dt Ended Current:				State:		
Phone:				Country:	US	
Source Type:	Annual/Biennial Report			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GMC WHSG & DISTRIB DIV FLINT			Street 2:		
Dt Became Current:	19581115			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Part A			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Dt Became Current:	20090710			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:	300	
Type:	Private			Street 1:	RENAISSANCE CENTER	
Name:	GENERAL MOTORS LLC			Street 2:		
Dt Became Current:	20090710			City:	DETROIT	
Dt Ended Current:				State:	MI	
Phone:	810-635-5069			Country:		
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Operator			Street No:		
Type:	Private			Street 1:	6060 W BRISTOL RD	
Name:	GENERAL MOTORS LLC			Street 2:	MAIL CODE 485-549-015	
Dt Became Current:	20090710			City:	FLINT	
Dt Ended Current:				State:	MI	
Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48554-9012	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:	300 RENAISSANCE DRIVE	
Name:	GENERAL MOTORS LLC			Street 2:		
Dt Became Current:	20090710			City:	DETROIT	
Dt Ended Current:				State:	MI	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Phone:				Country:	US	
Source Type:	Annual/Biennial Report update with Notification			Zip Code:	48265	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC (PROPERTY OWNER)			Street 2:		
Dt Became Current:	20090710			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Implementer			Zip Code:		
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Private			Street 1:		
Name:	GENERAL MOTORS LLC CCA FLINT			Street 2:		
Dt Became Current:	20090710			City:		
Dt Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		

Historical Handler Details

Receive Dt:	19800818
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20000301
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20080227
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20170727
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20031222
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20040225
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20100203
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20190411
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20030414
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20091130
Generator Code Description:	Large Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	20190410
Generator Code Description:	Small Quantity Generator
Handler Name:	GENERAL MOTORS LLC
Receive Dt:	19900322
Generator Code Description:	Large Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:		GM SERVICE PARTS OPERATIONS				
Receive Dt:		20080301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS CORPORATION				
Receive Dt:		20060301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS CORPORATION				
Receive Dt:		19950728				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20020228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20131105				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19960228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Receive Dt:		19940224				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Receive Dt:		20040301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS CORPORATION				
Receive Dt:		19801118				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20120228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20060228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20110404				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20180723				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19920227				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GM SERVICE PARTS OPERATIONS				
Receive Dt:		20000225				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GM SERVICE PARTS OPERATION				
Receive Dt:		20160229				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC CUSTOMER CARE AND AFTERSALES FLINT				
Receive Dt:		20180221				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Dt:		20220223				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		19980227				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GMC, SERVICE PARTS OPERATIONS				
Receive Dt:		20020301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GM SERVICE PARTS OPERATION				
Receive Dt:		20200227				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20010101				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20140625				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20150610				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20140228				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC CUSTOMERCARE AND AFTERSALES FLINT				
Receive Dt:		20091005				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
Receive Dt:		20160809				
Generator Code Description:		Large Quantity Generator				
Handler Name:		GENERAL MOTORS LLC				
<hr/>						
2	1 of 4	ESE	0.12 / 629.89	779.92 / -7	6133 Bristol Road 6133 Bristol Road MI 48473	BEA
Facility ID (Web):					Facility ID (Map):	
Bea No (Web):		201602247LA			Bea No (Map):	
Fac Name (Web):		6133 Bristol Road			Fac Name (Map):	
Address (Web):		6133 Bristol Road			Address (Map):	
City (Web):					City (Map):	
Zip (Web):		48473			Zip (Map):	
County (Web):		Genesee			County (Map):	
Township (Web):		Swartz Creek			Township (Map):	
District (Web):		Lansing			District (Map):	
Latitude (Web):					Latitude (Map):	
Longitude (Web):					Longitude (Map):	
Data Source (Web):		BEA			Data Source (Map):	
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:						
Source:		DEQ Inventory of Facilities (Web)				
<hr/>						
2	2 of 4	ESE	0.12 / 629.89	779.92 / -7	6133 Bristol Road 6133 Bristol Road Swartz Creek MI 48473	BEA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<div> <div> Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source: </div> <div> Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID: </div> <div> 25000932 B201602247LA 6133 Bristol Road 6133 Bristol Road Swartz Creek 48473 Genesee NULL Lansing 42.972053 -83.796871 25123 </div> </div>						
<div> <div> DEQ Baseline Environmental Assessment Sites (Map) </div> </div>						
2	3 of 4	ESE	0.12 / 629.89	779.92 / -7	6133 Bristol Road 6133 Bristol Road Swartz Creek MI 48473	BEA
<div> <div> Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source: </div> <div> Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID: </div> <div> B201702247LA 6133 Bristol Road 6133 Bristol Road Swartz Creek 48473 Genesee Lansing 42.972053 -83.796871 20148 0 </div> </div>						
<div> <div> DEQ Baseline Environmental Assessment Sites (Map) </div> </div>						
2	4 of 4	ESE	0.12 / 629.89	779.92 / -7	6133 Bristol Road 6133 Bristol Road, MI, 48473 MI	SHWS
<div> <div> Facility ID: Site ID: EPA ID: Location ID: Regulatory Program: Source: Pollutants: Hrzaccms: Scale No: EGLE District: Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): Address (Map): Risk Condition: Senate District: </div> <div> 25000932 25000932 201 Lansing 6133 Bristol Road 48473 Genesee 42.97241 -83.796913 6133 Bristol Road, MI, 48473 6133 Bristol Road Risks Not Determined </div> <div> Fac Name (Web): County (Web): Township (Web): City (Web): Latitude (Web): Longitude (Web): MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Release Status: Ref Desc: OS Descrip: H Ref Datum: </div> <div> 6133 Bristol Road Genesee Swartz Creek 42.97241 -83.796913 0.0 0.0 Bucholtz, Paul Risks Not Determined </div> </div>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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US Congressional District:

Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

3	1 of 2	SSW	0.40 / 2,107.57	763.16 / -23	GANDER MOUNTAIN 170 6359 GANDER DR SWARTZ CREEK MI 48473	WASTE
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Site ID:	MIK173215377	Contact Name:	
WDS ID:	443675	County:	GENESEE
Legal Name:	GANDER MOUNTAIN COMPANY		

3	2 of 2	SSW	0.40 / 2,107.57	763.16 / -23	GANDER MOUNTAIN STORE 6359 MILLER RD SWARTZ CREEK MI 48473	WASTE
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Site ID:	MIG000060014	Contact Name:	
WDS ID:	423740	County:	GENESEE
Legal Name:	GANDER MOUNTAIN COMPANY		

4	1 of 1	NE	0.44 / 2,300.27	802.29 / 16	Inter City Trucking Service Inc 3236 South Dye Road Flint Township MI 48507	AUL
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DEQ Ref NO:	NCA-RRD-213-05-030	Program Support:	Nicholas Swartz
Status:	Recorded	Pg Supprt Assig Dt:	5/27/2009 09:42:09.887
SID Facility ID:	00008920	Program Type:	Part 213
Site ID:		Is Commercial I:	NO
MG Entity Code:	STD	Is Commercial II:	NO
Path Name:	U:\kermit\12121305030.pdf	Is Commercial III:	NO
Start Date:	5/27/2009 00:00:00	Is Commercial IV:	NO
Finish Date:	5/27/2009 00:00:00	Is Industrial:	YES
District:		Is Residential:	NO
County Name:	Genesee	Is Recreation:	NO
Join Field:		Is Multip Land Use:	NO
Reg Deed Date:	1/29/1998 00:00:00	Is Site Specific:	NO
LandUse Restrict Typ:	NCA	Is GW Consumption:	NO
LRUR Type:	2	Is GW Contact:	NO
LRUR Status:	2	Is Special Well:	NO
Kermit ID (LRUR):	12121305030	Is Special Buildin:	NO
Township (LRUR):	Flint Township	Is Excavation:	NO
State (LRUR):	Mi	Is Soil Movement:	NO
Zipcode (LRUR):	48507	Is All Constructn:	NO
Area Acres (LRUR):	19.8181	Is Monitoring Well:	NO
Sq Mileage (LRUR):	0.031	Is ExposureBarrier:	NO
Mapped By:	Nicholas Swartz	Hlth and Sfty Plan:	NO
Map Program:	ArcInfo 9.3 and IcoMap 4.2	Is Permanent Markr:	NO
Deq Ref No (Map):	NCA-RRD-213-05-030	Mgr X:	
Kermit ID (Map):	12121305030	Mgr Y:	
Area Acre (Map):	19.81806501	Shape Star:	150024.820313
Sq Mileage (Map):	.03096572	Shape Stle:	2448.05249622
City (Map):	Flint Township	Latitude:	
Zip Code (Map):	48507	Longitude:	
Orig Facility ID:			
Facility Name:	Inter City Trucking Service Inc		
Site Name:			
Property Desc:	Inter City Trucking Service Inc		
Map Desc:	Migrated		
Address1 (LRUR):	3236 South Dye Road		
Address2 (LRUR):			
Property Legal Desc:	Migrated		
MG Entity Desc:	Storage Tank Division		
Land Use Type:	Notice of Corrective Action		
Icomapattr:	Version:2|2|1|680367.0809:272446.7058|6|1|2|-2:E|-1:2605.500000000000 FEET|1|2|-2:N|-1:289.750000000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<div> <div> <div>FEET|1|2|-2:W|-1:200.000000000000</div> <div>FEET|1|2|-2:N|-1:45.000000000000</div> <div>FEET|1|2|-2:W|-1:2405.500000000000</div> </div> <div> <div>FEET|1|2|-2:S|-1:334.750000000000</div> <div>FEET</div> </div> <div> <div>Inter City Trucking Service Inc</div> <div>3236 South Dye Road</div> <div>Land restriction has not been mapped in kermi as of February 20, 2008.</div> </div> </div> <div> <div>LUR is mapped in KERMIT as of 20090527 - Nick Swartz</div> <div>Request received on 6/17/2005</div> <div>EGLE Environmental Mapper Notice of Corrective Action Polygon; Land or Resource Use Restrictions (LRUR) List</div> </div>						
5	1 of 1	E	0.49 / 2,584.71	769.82 / -17	SPEES COLLISION 5482 MILLER RD SWARTZ CREEK MI 48473	WASTE
<div> <div>Site ID: MIG000027699</div> <div>WDS ID: 449036</div> <div>Legal Name: SPEES COLLISION</div> </div> <div> <div>Contact Name:</div> <div>County: GENESEE</div> </div>						
6	1 of 4	SW	0.78 / 4,139.78	773.30 / -13	7026 Miller Road 7026 Miller Road MI	BEA
<div> <div>Facility ID (Web):</div> <div>Bea No (Web): 201301850LA</div> <div>Fac Name (Web): 7026 Miller Road</div> <div>Address (Web): 7026 Miller Road</div> <div>City (Web):</div> <div>Zip (Web):</div> <div>County (Web): Genesee</div> <div>Township (Web): Swartz Creek</div> <div>District (Web): Lansing</div> <div>Latitude (Web):</div> <div>Longitude (Web):</div> <div>Data Source (Web): BEA</div> <div>Accuracy:</div> <div>Facility 2:</div> <div>Source:</div> <div>Submitted:</div> <div>Source: DEQ Inventory of Facilities (Web)</div> </div> <div> <div>Facility ID (Map):</div> <div>Bea No (Map):</div> <div>Fac Name (Map):</div> <div>Address (Map):</div> <div>City (Map):</div> <div>Zip (Map):</div> <div>County (Map):</div> <div>Township (Map):</div> <div>District (Map):</div> <div>Latitude (Map):</div> <div>Longitude (Map):</div> <div>Data Source (Map):</div> <div>Method of Collect:</div> <div>Object ID:</div> <div>ID:</div> </div>						
6	2 of 4	SW	0.78 / 4,139.78	773.30 / -13	7026 Miller Road MI 48473	BEA
<div> <div>Facility ID (Web):</div> <div>Bea No (Web): 201802440LA</div> <div>Fac Name (Web):</div> <div>Address (Web): 7026 Miller Road</div> <div>City (Web):</div> <div>Zip (Web): 48473</div> <div>County (Web): Genesee</div> <div>Township (Web): Swartz Creek</div> <div>District (Web): Lansing</div> <div>Latitude (Web):</div> <div>Longitude (Web):</div> <div>Data Source (Web): BEA</div> <div>Accuracy:</div> <div>Facility 2:</div> <div>Source:</div> <div>Submitted:</div> <div>Source: DEQ Inventory of Facilities (Web)</div> </div> <div> <div>Facility ID (Map):</div> <div>Bea No (Map):</div> <div>Fac Name (Map):</div> <div>Address (Map):</div> <div>City (Map):</div> <div>Zip (Map):</div> <div>County (Map):</div> <div>Township (Map):</div> <div>District (Map):</div> <div>Latitude (Map):</div> <div>Longitude (Map):</div> <div>Data Source (Map):</div> <div>Method of Collect:</div> <div>Object ID:</div> <div>ID:</div> </div>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	3 of 4	SW	0.78 / 4,139.78	773.30 / -13	Marathon Unit #1937 7026 MILLER RD SWARTZ CREEK MI 48473	BEA
<div> <div> Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source: </div> <div> Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID: </div> <div> 00018150 00018150-BEA-1 Marathon Unit #1937 7026 MILLER RD SWARTZ CREEK 48473 Genesee Swartz Creek Lansing 42.96399 -83.812288 22850 </div> </div>						
		DEQ Baseline Environmental Assessment Sites (Map)				

6	4 of 4	SW	0.78 / 4,139.78	773.30 / -13	Marathon Unit #1937 7026 MILLER RD SWARTZ CREEK MI 48473	BEA
<div> <div> Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source: </div> <div> Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID: </div> <div> 00018150 B201802440LA Marathon Unit #1937 7026 MILLER RD SWARTZ CREEK 48473 Genesee Swartz Creek Lansing 42.96399 -83.812288 22851 </div> </div>						
		DEQ Baseline Environmental Assessment Sites (Map)				

7	1 of 2	E	0.89 / 4,715.70	766.69 / -20	Speedway #8752 G-5252 West Miller Road Flint MI 48507	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:	25000462	Fac Name (Web):	Speedway #8752
Baseline Assess No:		Address (Web):	G-5252 West Miller Road
Site ID:	25000462	County (Web):	Genesee
Pollutants:		Township (Web):	Flint
Site Name (Map):	Speedway #8752	City (Web):	Flint
City (Map):		Zip (Web):	48507
County (Map):	Genesee	Latitude (Web):	42.97379
Latitude (Map):	42.973792	Longitude (Web):	-83.78115
Longitude (Map):	-83.781151	Object ID:	2269
H Ref Datum:	North American Datum of 1983	MGR X:	
Hrzaccms:		MGR Y:	
Scale No:			
Egle District:	Lansing		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ref Desc:		Center of a facility or station.				
H Ref Moc:		The geographic coordinate determination method based on interpolation-map.				
OS Descrip:		Remedial Action In progress				
Address (Map):						
Zip Code (Map):						
Report Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				
Source:						
Regulatory Program:		Part 201				
Release Status:						
Risk Condition:						
EPA ID:						
House District:						
Location ID:						
Lust Name:						
Project Manager:						
Senate District:						
US Congressional District:						
Address Parsed:						
Original Source:		SHWS				
Record Date:		17-DEC-2020				

7	2 of 2	E	0.89 / 4,715.70	766.69 / -20	Speedway #8752 MI	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:		Fac Name (Web):	
Baseline Assess No:		Address (Web):	
Site ID:	25000462	County (Web):	
Pollutants:		Township (Web):	
Site Name (Map):	Speedway #8752	City (Web):	
City (Map):		Zip (Web):	
County (Map):	Genesee	Latitude (Web):	
Latitude (Map):	42.973792	Longitude (Web):	
Longitude (Map):	-83.781151	Object ID:	
H Ref Datum:	North American Datum of 1983	MGR X:	0.0
Hrzsccms:		MGR Y:	0.0
Scale No:			
Egle District:			
Ref Desc:	Center of a facility or station.		
H Ref Moc:	The geographic coordinate determination method based on interpolation-map.		
OS Descrip:	Remedial Action In progress		
Address (Map):			
Zip Code (Map):			
Report Source:	DEQ Sites of Environmental Contamination, Part 201 (Map)		
Source:			
Regulatory Program:			
Release Status:			
Risk Condition:			
EPA ID:			
House District:			
Location ID:			
Lust Name:			
Project Manager:			
Senate District:			
US Congressional District:			
Address Parsed:			
Original Source:	SHWS		
Record Date:	08-AUG-2022		

8	1 of 4	E	0.90 / 4,772.73	766.33 / -20	5272 Miller Road 5272 Miller Road, Flint, MI, 48507 MI	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID:	25000718				Fac Name (Web):	5272 Miller Road
Site ID:	25000718				County (Web):	Genesee
EPA ID:					Township (Web):	Flint
Location ID:					City (Web):	Flint
Regulatory Program:	201				Latitude (Web):	42.97389002
Source:					Longitude (Web):	-83.78154031
Pollutants:					MGR X:	0.0
Hrzsccms:					MGR Y:	0.0
Scale No:					H Ref Moc:	
EGLE District:	Lansing				House District:	John Cherry
Site Name (Map):	5272 Miller Road				Lust Name:	
City (Map):	Flint				Project Manager:	Bucholtz, Paul
Zip Code (Map):	48507				Release Status:	
County (Map):	Genesee				Ref Desc:	
Latitude (Map):	42.97389				OS Descrip:	Risks Not Determined
Longitude (Map):	-83.7815403				H Ref Datum:	
Address (Web):	5272 Miller Road, Flint, MI, 48507					
Address (Map):	5272 Miller Road					
Risk Condition:	Risks Not Determined					
Senate District:	Jim Ananich					
US Congressional District:	Daniel Kildee					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

8	2 of 4	E	0.90 / 4,772.73	766.33 / -20	5272 Miller Road 5272 Miller Road Flint MI	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:	25000719	Fac Name (Web):	5272 Miller Road
Baseline Assess No:		Address (Web):	5272 Miller Road
Site ID:	25000719	County (Web):	Genesee
Pollutants:		Township (Web):	Flint
Site Name (Map):	5272 Miller Road	City (Web):	Flint
City (Map):		Zip (Web):	
County (Map):	Genesee	Latitude (Web):	42.97389
Latitude (Map):	42.97389	Longitude (Web):	-83.78154
Longitude (Map):	-83.7815403	Object ID:	2336
H Ref Datum:		MGR X:	
Hrzsccms:		MGR Y:	
Scale No:			
Egle District:	Lansing		
Ref Desc:			
H Ref Moc:			
OS Descrip:	Risks Not Determined		
Address (Map):			
Zip Code (Map):			
Report Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		
Source:			
Regulatory Program:	Part 201		
Release Status:			
Risk Condition:			
EPA ID:			
House District:			
Location ID:			
Lust Name:			
Project Manager:			
Senate District:			
US Congressional District:			
Address Parsed:			
Original Source:	SHWS		
Record Date:	17-DEC-2020		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	3 of 4	E	0.90 / 4,772.73	766.33 / -20	5272 Miller Road 5272 Miller Road Flint MI 48507	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		
				25000718 25000718-BEA-1 5272 Miller Road 5272 Miller Road Flint 48507 Genesee Flint Lansing 42.97389002 -83.78154031 22887		
DEQ Baseline Environmental Assessment Sites (Map)						

Delisted Part 201 Site List

Unplottable Summary

Total: 6 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
HMIRS		BRISTOL ROAD	FLINT MI		818106929
HMIRS		W BRISTOL RD	FLINT MI		818313643
SPILLS		West Bristol Rd <i>Incident No | Rel Incident Contr:</i> 16799 |	Flint MI		860956678
SPILLS		VAN SLYKE, 500 FT. NORTH OF BRISTOL, EAST SIDE	MI		818875999
UST	City Of Swartz Creek	250 N FT OF MILLER RD <i>Facility ID:</i> 00035230 <i>New Tank ID No | Status:</i> UTK-090779-15 | Licensing and Regulatory Affairs Underground Tank List (LARA)	SWARTZ CREEK MI	48473	818836422
WASTE	GENESEE CRC BRISTOL RD OV N BRANCH SWARTZ CREEK	BRISTOL RD OV NO BRANCH OF SWARTZ CREEK	FLINT MI	48507	895814047

Unplottable Report

Site:**BRISTOL ROAD FLINT MI**

HMIRS

Incident County:

GENESEE

HMIR Incident Reports

Report No: I-2000070460
Report Type: A hazardous material incident
Date of Incident: 2000-06-06
Time of Incident: 0630
Haz Class Code:
Hazardous Class: 2.1
Commodity Short Nm: PETROLEUM GASES, LIQUEFI
Commodity Long Nm: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLEUM GAS
Trade Name: PETROLEUM GASES LIQU
ID No: UN1075
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0
Unit of Measure:
What Failed: 102; 141
What Failed Desc: Auxiliary Valve; Piping or Fittings
How Failed Code: ;
How Failed Desc: ;
Failure Cause Code: 526;
Failure Cause Desc: Loose Closure, Component, or Device;
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 34084
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: NOT REPORTED BY CARRIER
Cont1 Pkg Mnfc Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: TILX300307
C1 Pkg Last Test Dt: 1990-01-01 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Svc Pres.: 0
C1 Svc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Rail
Transport Phase: In Transit
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Tank Car
Packing Group:
Carrier Reporter: GRAND TRUNK WESTERN RR CO
CR Street Name: 17641 SOUTH ASHLAND AVENUE
CR City: HOMEWOOD
CR State: IL
CR Postal Code: 60430134
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID:
CR Country: US
Shipper Name: KINETIC RESOURCES
Shipper Street Name:
Shipper City: PORT HURON
Shipper State: MI
Shipper Postal:
Shipper Non US St:
Shipper Country: US
Shipper Waybill: CSXT 818744
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City:
Destination State:
Destination Postal:
Destination Non US:
Destination Country:
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE

Haz NonHosp Public: 0
Haz NonHosp Old:

RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:	0	Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	No	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	Yes	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	MICHAEL A DE SMEDT
Damage > 500:	No	Contact Title:	CHIEF HAZMAT OFFICER
Material Loss:	0	Contact Business:	
Carrier Damage:	0	Contact Street:	
Property Damage:	0	Contact City:	
Response Cost:	0	Contact State:	
Remediation Cost:	0	Contact Postal:	
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	0	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatals:	0	HMIS Major Artery:	No
Hazmat Injury:	No	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	TANK CAR
Haz Hosp Old Form:	0	HMIS Container Code:	112JW
Total Haz Hosp Inj:	0	HMIS Container Desc:	Pressure
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:	<p>ON 06/06/00 AT APPROXIMATELY 0630 HOURS, CN MECHANICAL DEPARTMENT NOTED VAPOR COMING FROM THE TOP OF THE TANK CAR TILX 300307 (RESIDUE, LIQUIFIED PETROLEUM GAS) WHILE COMPLETING INSPECTIONS IN THE CN/GTW BRISTOL YARD, FLINT MI. APPROPRIATE DEPARTMENTS NOTIFIED. CN HAZMAT TEAM RESPONDED AND NOTED THAT THE GAUGING DEVICE PACKING NUT WAS LOOSE. NUT TIGHTENED, VAPOR DISPERSION STOPPED. TANK CAR RELEASED AT 0715 HOURS.</p>		

Recommend Actions Taken:

Site: W BRISTOL RD FLINT MI HMIRS

Incident County:

HMIR Incident Reports

Report No:	I-1993040711	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	1993-03-01	Report Submit Src:	Paper
Time of Incident:	1630	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	3	Mode Transport:	Air
Commodity Short Nm:	PAINT INCLUDING PAINT, L	Transport Phase:	In Transit
Commodity Long Nm:	PAINT INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER AND	Incident Occrrnce:	

Trade Name:	LIQUID LACQUER BASE	Mat Ship Approval?:	No
ID No:	BELIVED TO BE STERLI	Mat Ship Approv No:	
Haz Waste Ind:	UN1263	Undecl Hazmat Ship?:	No
Haz Waste EPA No:	No	Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	EMERY WORLD WIDE
Qty Released:	0.75	CR Street Name:	C-3445 W BRISTOL RD
Unit of Measure:	Liquid - Gallon	CR City:	FLINT
What Failed:	103;	CR State:	MI
What Failed Desc:	Basic Material;	CR Postal Code:	48507
How Failed Code:	;	CR Non US State:	
How Failed Desc:	;	CR Fed DOT ID:	21800
Failure Cause Code:	526; 526	CR Hazmat Reg ID:	
Failure Cause Desc:	Loose Closure, Component, or Device; Loose Closure, Component, or Device	CR Country:	US
Ident. Markings:		Shipper Name:	STAFF LIGHTING
Cont1 Pkging Type:		Shipper Street Name:	RT 9W NORTH
Cont1 Const Mat:		Shipper City:	HIGHLAND
Cont1 Head Type:		Shipper State:	NY
Cont1 Pkg Capacity:	1.5	Shipper Postal:	12528
C1 Capacity UOM:	LGA	Shipper Non US St:	
Cont1 Pkg Amt:	0	Shipper Country:	US
C1 Pkg Amt UOM:		Shipper Waybill:	POU-9247861766
Cont1 Pkg No:	1	Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	1	Origin City:	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	Origin State:	
Cont1 Pkg Mnfc Dt:	0-00-00 00:00:00	Origin Postal:	
Cont1 Pkg Serial NO:		Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	Origin Country:	US
C1 Test Const Mat:		Destination City:	PORT HURON
C1 Pkg Dsign Pres.:	0	Destination State:	MICHIGAN
C1 Dsign Press UOM:		Destination Postal:	48060
C1 Pkg Shell Thick:	0	Destination Non US:	
C1 Shell Thick UOM:		Destination Country:	US
C1 Head Thickness:	0	Cont2 Package Type:	
C1 Head Thick UOM:		Cont2 Const Mat:	
C1 Pkg Srvs Pres.:	0	Cont2 Pkg Capacity:	1
C1 Srvs Press UOM:		Cont2 Capacity UOM:	LGA
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	0
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	1
C1 Device Model:		Cont2 Pkg No Failed:	1
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	
RAM Nuclide S:		Total Hazmat Injuries:	0
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:	0	Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	MICHAEL A MASSIE
Damage > 500:	Yes	Contact Title:	MGR ENVIRONNMENTAL AFFAIRS
Material Loss:	0	Contact Business:	

Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 2000
Damage Old Form: 0
Total Damages Amt: 2000
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respntrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fataals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: BOX FIBER
HMIS Container Code: BOX FBR
HMIS Container Desc: Fiberboard box or carton
HMIS Bulk Incident: No
Undeclared Shipment: No

SHIPMENT WAS RECIEVED IN FLINT TO BE DELIVERED SECOND DAY. SHIPMENT WAS DISPATCHED TO ROUTE DRIVER FOR DELIVERY IN TRUCK 932-0251, TO MARSHALL CAMPBELL CO. IN PT. HURON. DRIVER NOTICED A SMELL LIKE EPOXY, AND FOUND THAT THE BOX IN QUESTION WAS LEAKING A WHITE PAINT LIKE SUBSTANCE. DRIVER TOOK THE BOX TO THE MARSHALL CAMPBELL AND THEY REFUSED AND RETURNED THE SHIPMENT TO THE FLINT TERMINAL. THE SHIPPER WAS CONTACTED REGARDING THE FREIGHT AND WE WERE ADVISED THAT THE PAINT WAS OF A WATER BASE AND TO DESTROY THE MATERIAL. A MSDS WAS REQUESTED BY THE TERMINAL. THE SHIPPER DID NOT PRODUCE THE MSDS UNTILL MONDAY, MARCH 1, 1993 AT THE TIME WAS FOUND TO BE A HAZARDOUS MATERIAL. THE FAA WAS CONTACTED AND AN INVESTIGATION WAS CONDUCTED.

Recommend Actions Taken:

Site:

West Bristol Rd Flint MI

SPILLS

Incident No: 16799
Incident No Related:
Complainant Type:
Observed Date:
Observed Time:
Occurred Date: 3/13/2017
Occurred Time: 2:40:00 PM
Date Discovered:
Time Dis Orig Entr:
Pollutant Released:
Amt Released Air:
Amt Rel Ground:
Amt Rel Water:
Volume Recovered:
Cleanup Comp Date:
Rel Incident Contr:
Rel Inci Contr De:
Incident Ongoing:
Source: GF
Agencies Notified:
Date Rec DEQ Staff:
Time Rec DEQ Staff:
Div or On-Call:
Time DEQ Paged:
AMBS Time DEQ Call:
No Staff Contacts:
Post Review Init:
Referral Notes:
Cleanup Contractor:
PWS:
Material Released: Glycol antifreeze
Cleanup Efforts:
Incident Cross Str:
Party Involved Type:
Party Inv. Contact:

GF Comp Date:
Weather or Wind:
Wind Direction:
Rain Condition:
Old Wind Direction:
Name of Water Body: Storm drain
Last Updated Date:
Operator In:
District: Lansing
Office/After Hours: Office Hrs.
Ambs Intake Agent:
Observed Time Keep:
Tm Stamp Hr Orig:
Int Time Format:
Time Corr Format:
Date Stamp: 3/13/2017
Time Stamp: 2:38:00 PM
PEAS Dispatcher: JC - EAC
Special Referral:
Date and Time Stamp:
Optrinit:
Optrno:
Smu3init:
Pecctime:
Peccddate:
District Backup:
Incident Township:
Incident County: Genesee
Latitude:
Longitude:

Party Inv Company:
Party Inv. Phone 1:
Party Inv. Phone 2:
Party Inv Address:
Party Inv City:
Party Inv. State:
Party Inv. Zip:
Complaint Employer:
Complainant City:
Complainant State:
Zip Complainant:
Complainant Name:
Complainant Phone 1:
Complainant Phone 2:
Complainant Street Address:
Emergency Crews:
Description - 1:
Description - 2:
Description - 3:
Description - 4:
Description - 5:
Description - 6:
Brief Description:
Peas Admin Section:
Sensitive Information:
DEQ Primary:
Lead Division 1: WRD-WQ
Lead Division 2:
Source File:
Description 1 (2):

Site: VAN SLYKE, 500 FT. NORTH OF BRISTOL, EAST SIDE MI SPILLS

Incident No:	GF Comp Date:
Incident No Related:	Weather or Wind:
Complainant Type:	Wind Direction:
Observed Date:	Rain Condition:
Observed Time:	Old Wind Direction:
Occurred Date: 10/17/2005	Name of Water Body: MIX OF GROUNDWATER AND DIESEL
Occurred Time: 12:30:00 PM	Last Updated Date:
Date Discovered:	Operator In:
Time Dis Orig Entr:	District: Lansing
Pollutant Released:	Office/After Hours:
Amt Released Air:	Ambs Intake Agent:
Amt Rel Ground:	Observed Time Keep:
Amt Rel Water:	Tm Stamp Hr Orig:
Volume Recovered:	Int Time Format:
Cleanup Comp Date:	Time Corr Format:
Rel Incident Contr:	Date Stamp: 10/17/2005
Rel Inci Contr De:	Time Stamp: 1:37:00 PM
Incident Ongoing:	PEAS Dispatcher:
Source: Ambs	Special Referral:
Agencies Notified:	Date and Time Stamp:
Date Rec DEQ Staff:	Optrinit:
Time Rec DEQ Staff:	Optrno:
Div or On-Call:	Smu3init:
Time DEQ Paged:	Pecctime:
AMBS Time DEQ Call:	Peccddate:
No Staff Contacts:	District Backup:
Post Review Init:	Incident Township:
Referral Notes:	Incident County: Genesee
Cleanup Contractor:	Latitude:
PWS:	Longitude:
Material Released: DIESEL FUEL/AT LEAST 2 INCHES DEEP	
Cleanup Efforts:	
Incident Cross Str:	
Party Involved Type:	

Party Inv. Contact:
Party Inv Company:
Party Inv. Phone 1:
Party Inv. Phone 2:
Party Inv Address:
Party Inv City:
Party Inv. State:
Party Inv. Zip:
Complaint Employer:
Complainant City:
Complainant State:
Zip Complainant:
Complainant Name:
Complainant Phone 1:
Complainant Phone 2:
Complainant Street Address:
Emergency Crews:
Description - 1:
Description - 2:
Description - 3:
Description - 4:
Description - 5:
Description - 6:
Brief Description:
Peas Admin Section:
Sensitive Information:
DEQ Primary: JIM INNES
Lead Division 1: RRD
Lead Division 2:
Source File:
Description 1 (2):

Site: City Of Swartz Creek
250 N FT OF MILLER RD SWARTZ CREEK MI 48473

UST

Facility ID: 00035230
Facility Status: Inactive
Facility Name: City Of Swartz Creek
Fac Street No: 250
Fac Street Direc: N
Fac Street Name: FT OF MILLER
Fac Suffix Type: RD
Fac Suffix Direc:
Facility City: SWARTZ CREEK
Facility Zip: 48473
Facility County: GENESEE
Facility State: MI
Fac Name (Map): City Of Swartz Creek
Address (Map): 250 FT NORTH OF MILLER RD
City (Map): SWARTZ CREEK
Zip code (Map): 48473
County (Map): Genesee
Latitude (Map): 42.958096
Longitude (Map): -83.846612
Geometry(Map): MULTIPOINT (-83.84660728249489 42.958087756268704)
Facility Name (RIDE): City Of Swartz Creek
Full Address (RIDE): 250 N FT OF MILLER RD, SWARTZ CREEK, MI, 48473
City (RIDE): SWARTZ CREEK
County (RIDE): Genesee
Township (RIDE): Swartz Creek
Latitude (RIDE): 42.958096
Longitude (RIDE): -83.846612
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map);
EGLE Remediation Information Data Exchange Part 211 (RIDE)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	
New Tank ID No:	UTK-090779-15	Tank Install Date:	05/20/1991
Tank Status:	Removed from Ground	Tank Removal Date:	08/07/1992
Tank Content:	Used Oil		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Unknown		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	17109	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	No	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	NO
District Name:	Lansing District Office	Desc Cater:	Plant Entrance (Freight)
H Datum:	NAD83		
Collection Method:	GPS Code Meas. Standard Positioning Service SA Off		

Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name:	City of Swartz Creek
Owner Address:	8083 Civic Dr
Owner City:	Swartz Creek
Owner State:	MI
Owner Zip:	48473
Owner Phone:	8106354464

Tank Details

Release Status:		EGLE District:	Lansing
Risk Condition:	No Known Risks	Senate District:	
Regulatory Program:	211	House District:	
Project Manager:	O'Donnell, David	US Congress Dist:	

Site: **GENESEE CRC BRISTOL RD OV N BRANCH SWARTZ CREEK**
BRISTOL RD OV NO BRANCH OF SWARTZ CREEK FLINT MI 48507

WASTE

Site ID:	MIK109999869	Contact Name:	
WDS ID:	498133	County:	GENESEE
Legal Name:	GENESEE COUNTY ROAD COMMISSION		

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jan 25, 2023

National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jan 25, 2023

Deleted NPL:

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jan 25, 2023

SEMS List 8R Active Site Inventory:

SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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 this site on the National Priorities List (NPL). This 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 a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List:[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs:[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Feb 23, 2023

Federal Institutional Controls- ICs:[FED INST](#)

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Feb 23, 2023

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Jan 25, 2023

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jan 16, 2023

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations:

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property:

SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents:

SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

Formerly Utilized Sites Remedial Action Program:

DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

Part 201 Site List:

SHWS

A Part 201 Facility is an area, place, or property where a hazardous substance in excess of the concentrations that satisfy the cleanup criteria for unrestricted residential use has been released, deposited, disposed of, or otherwise comes to be located. This list is maintained by the Remediation and Redevelopment Division in Michigan Department of Environment, Great Lakes, and Energy (EGLE). This database is state equivalent CERCLIS.

Government Publication Date: Feb 6, 2023

Delisted Contaminated Sites:

DELISTED CONTAM

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) previously provided this list of delisted contaminated sites from Part 201, Part 213, and Baseline Environmental Assessment (BEA). Due to changes in agency tracking practices, as of November 2018 this list is no longer made available by EGLE.

Government Publication Date: Jul 24, 2018

Delisted Hazardous and BEA Sites:

DELISTED SHWS

This list is comprised of sites that were once included in the inventory of facilities (Part 201, BEA) list but have been removed. After the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has determined that a BEA Part 201 site has been remediated, the site is removed from the inventory of facilities. This database is state equivalent CERCLIS.

State Sites Cleanup List of Sites:

SITE CLEANUP

Public Act 380 of 1996 amended Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, PA 451 of 1994, by adding Section 20108c and creating the State Sites Cleanup Fund (SSCUF) and the State Sites Cleanup Program (SSCUP). Its intent was to fund environmental cleanups at contaminated sites where the state is a liable party as an owner or operator of the site, as defined in Section 20126 of Part 201. This list is maintained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Jan 24, 2022

Solid Waste Facilities and Landfills:

SWF/LF

An inventory of solid waste and landfill facilities maintained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This list contains all disposal area types and status types.

Government Publication Date: Oct 28, 2022

Waste Data System:

WASTE

The Waste Data System (WDS) tracks activities at sites regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs. This list of sites is provided by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Feb 7, 2023

Recycling Facilities:

RECYCLING

List of recycling facilities made available by the Michigan Recycling Coalition (MRC). The Coalition represents recycling and composting interests statewide and is a recognized authority on waste reduction, beneficial utilization, recycling, and composting.

Government Publication Date: Feb 4, 2022

Leaking Underground Storage Tank:

LUST

At the time of a release, the owner/operator is responsible for the corrective actions mandated by Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, 1994 of PA 451, as amended (NREPA). Owners/operators are required to hire consultants that meet the qualifications in Section 21325 of Part 213 to perform corrective actions, and to submit specific reports required by the statute. The Remediation Division of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is charged with selectively auditing the final assessment reports and closure reports.

Government Publication Date: Dec 28, 2022

Delisted Leaking Underground Storage Tank:

DELISTED LUST

This list is comprised of sites that were once included in the Leaking Underground Storage Tank list but have been removed. After the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has determined that a Leaking Underground Storage Tank (LUST) site has been excluded from the DEQ STID Database, the site is removed from the inventory of facilities.

Government Publication Date: Dec 28, 2022

Underground Storage Tank:

UST

This Underground Storage Tank (UST) data is provided by the Michigan Department of Licensing and Regulatory Affairs (LARA) and the Michigan Department of Environment, Great Lakes, and Energy (EGLE). Active UST facilities are those where there is at least one tank at the facility that is not closed in place or removed, and is regulated under Part 211, Underground Storage Tank Regulations, of Act 451 of 1994, as amended, and the Michigan Underground Storage Tank Rules (MUSTR). There may be closed tanks and/or active non-regulated tanks (such as heating oil tanks) at Active facilities. Closed UST facilities are those at which all tanks at the facility that are regulated under Part 211 are closed; there may be non-regulated active tanks at closed facilities, such as heating oil tanks or tanks with a capacity smaller than the regulatory threshold. The data includes UST sites from LARA's Master List as well as applicable EGLE's Environmental Mapper files.

Government Publication Date: Mar 8, 2023

Aboveground Storage Tanks:

AST

The Aboveground Storage Tank (AST) Program in the Department of Licensing and Regulatory Affairs (LARA) regulates the following: storage and handling of flammable and combustible liquids with flash point less than 200 degrees Fahrenheit, storage and handling of liquefied petroleum gases compressed natural gas vehicular systems. The regulatory authority is from the Fire Prevention Code, 1941 PA 207, as amended, and the rules promulgated under the act.

Government Publication Date: Feb 2, 2023

Tank Facilities Not Currently Registered:

UNREG TANK

A list of tanks known to the Department of Licensing and Regulatory Affairs in Michigan which do not require registration.

Government Publication Date: May 29, 2019

Storage Tank Facility:**TANK FACILITY**

A list of aboveground and underground storage tank facilities where tank details are not available. This list is made available by the Michigan Department of Licensing and Regulatory Affairs (LARA).

Government Publication Date: Apr 13, 2023

Delisted Storage Tank:**DELISTED TANK**

This list is comprised of sites that were once included in the Storage Tank list but have been removed. After the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has determined that an Storage Tank site has been excluded from the DEQ STID Database, the site is removed from the inventory of facilities.

Government Publication Date: Apr 13, 2023

Engineering and Institutional Controls:**AUL**

This list of sites with Engineering and/or Institutional Controls in place is provided by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The site list was compiled from EGLE's applicable FOIA file/s and EGLE Mapper's Land Use Restriction layer data. Michigan's environmental remediation program authorizes EGLE to set cleanup standards by considering how the contaminated land will be used in the future. Michigan's cleanup standards are risk-based and reflect the potential for human health or ecological risks from exposure to hazardous or regulated substances at contaminated sites. A person may use land use or resource use restrictions, as outlined in Part 201 and Part 213, to manage risk by reducing or restricting exposure to environmental contamination left in-place at a property.

Government Publication Date: Jun 27, 2022

Brownfield Redevelopment Financing Act Sites:**BROWNFIELDS**

List of sites included in the Michigan Department of Environment, Great Lakes, and Energy (EGLE)'s reporting on Brownfield Redevelopment Financing Act activities from 2003-2019. Additionally includes Brownfields sites found in EGLE's Environmental Mapper. In Michigan, the Brownfield Redevelopment Financing Act (Act 381) of 1996 authorizes municipalities to create brownfield redevelopment authorities to facilitate the implementation of brownfield plans and to create brownfield redevelopment zones in order to promote the revitalization, redevelopment, and reuse of certain properties.

Government Publication Date: Dec 22, 2020

Brownfield Redevelopment Sites:**BFLD REDEV**

The Brownfield Redevelopment Financing Act Report is a summary of the information contained in brownfield plans and work plans submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This site listing is specific to Act 381 Work Plans approved by EGLE's Remediation and Redevelopment Division for calendar years. EGLE and the Michigan Strategic Fund are required to report on a quarterly basis information for each project approved during the preceding quarter (MCL 125.2666 Section 16(5)(a)). This requirement was included in the December 2012 Amendments to the Brownfield Redevelopment Financing Act, 1996 PA 381.

Government Publication Date: Jul 19, 2022

Brownfields-USTfields Site Directory:**BFLD UST**

The Brownfields-USTfields Site Directory made available by the Michigan Department of Environment, Great Lakes, and Energy's (EGLE) contains information about state-nominated and state-funded cleanup sites as well as sites that have been redeveloped using the Baseline Environmental Assessment (BEA) process. It is not a full list of contaminated properties in Michigan, and is intended to be utilized as supplemental information for the Part 201 Site Search, Part 211 Underground Storage Tank Site, and Part 213 Leaking Underground Storage Tank Site databases. This list was provided by the Michigan Department of Environmental Quality and was last revised by the DEQ in 2014.

Government Publication Date: 2014

Residential Closures Inventory:**NFA RES**

This Inventory of Residential Closures is made available by the Michigan Department of Environmental Quality (DEQ). The Inventory represents a subset of residential closures approved by the DEQ, those which: were submitted to the DEQ in a No Further Action Report; satisfy the limited residential cleanup criteria under section 20120a(1)(c) of Part 201, or the site-specific residential cleanup criteria under sections 20120a(2) and 20120b of Part 201; include land use or resource use restrictions; and were specifically requested by the submitter of the No Further Action Report.

Government Publication Date: Mar 15, 2023

Tribal**Leaking Underground Storage Tanks on Tribal/Indian Lands:****INDIAN LUST**

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Michigan, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2022

Underground Storage Tanks on Tribal/Indian Lands:[INDIAN UST](#)

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Michigan, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2022

Delisted Tribal Leaking Storage Tanks:[DELISTED INDIAN LST](#)

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks:[DELISTED INDIAN UST](#)

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

No County databases were selected to be included in the search.

Additional Environmental Record Sources**Federal****Facility Registry Service/Facility Index:**[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program:[TRIS](#)

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites:[PFAS NPL](#)

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Dec 28, 2022

Federal Agency Locations with Known or Suspected PFAS Detections:[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites:[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills:

ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring:

PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality:

PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities:

PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

PFAS Waste Transfers from RCRA e-Manifest :

PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Apr 9, 2023

PFAS Industry Sectors:

PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Apr 16, 2023

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data 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.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Dec 11, 2022

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Dec 11, 2022

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

FUDS Munitions Response Sites:

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Nov 7, 2022

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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 Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 3, 2022

State

Pollution Emergency Alerting (PEAS):

SPILLS

The PEAS listing maintained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) points out the environmental damages/pollution, such as tanker accidents, pipeline breaks, and releases of reportable quantities of hazardous substances. Inconsistencies which existed in the data as it came from the source have not been interpreted or fixed, the data is provided as it was received from the DEQ.

Baseline Environmental Assessment:

[BEA](#)

A Michigan Baseline Environmental Assessment (BEA) from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Government Publication Date: Dec 17, 2020

Michigan PFAS Sites:

[PFAS CONTAM](#)

A list of Per- and Polyfluoroalkyl substances (PFAS) sites made available by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). A PFAS site is a property where EGLE has a valid groundwater monitoring well sample result that exceeds one or more of Michigan's seven PFAS groundwater cleanup criteria: PFOA (8 ppt), PFOS (16 ppt), PFNA (6 ppt), PFHxS (51 ppt), PFHxA (400,000 ppt), PFBS (420 ppt), and HFPO-DA (370 ppt), and based on data, EGLE has determined the property is the location of the source of PFAS contamination (e.g., fire training area where PFAS-containing foam was used).

Government Publication Date: Apr 25, 2023

Dry Cleaning Facilities:

[DRYCLEANERS](#)

A listing of dry cleaning facilities registered with the Air Quality Division in the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Jul 11, 2022

Delisted Drycleaners List:

[DELISTED DRYCLEANERS](#)

List of sites removed from the drycleaning facilities database made available by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Jul 11, 2022

Perfected Liens List:

[LIEN](#)

A list of perfected liens on properties pursuant to Section 20138 of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324.20101 et seq. This list is made available by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Remediation and Redevelopment Division (RRD).

Government Publication Date: Apr 13, 2023

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX C: PHOTOGRAPHS



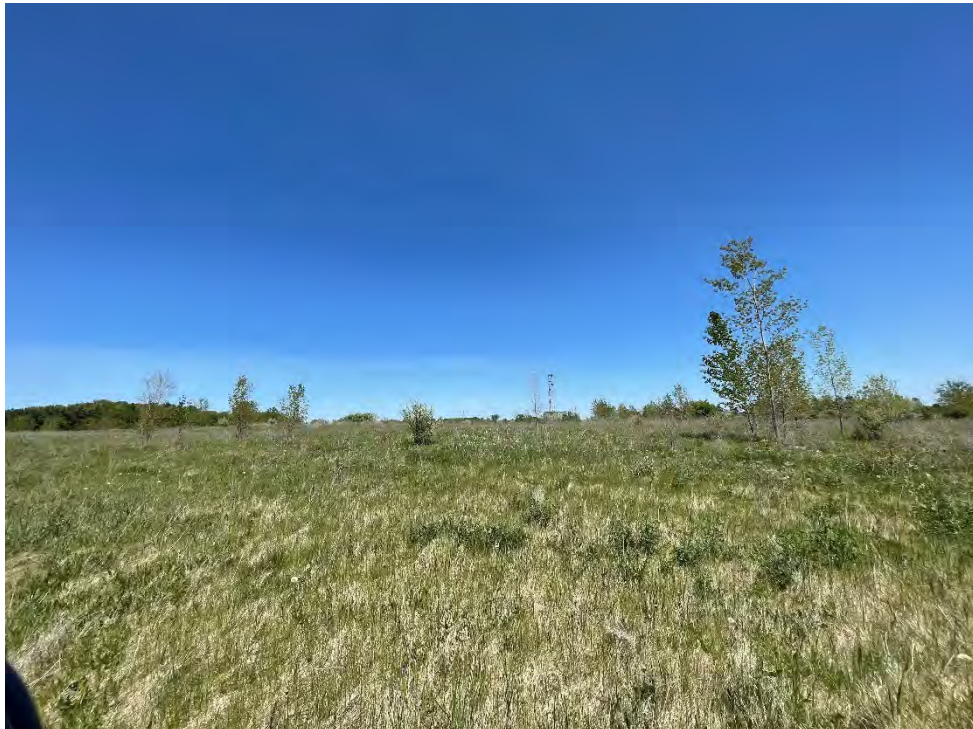
Photograph 1: View of the eastern-most entrance into the graveled area along the southern boundary of the Subject Property, facing northwesterly from south-bordering Bristol Road.



Photograph 2: View of the entrance from Bristol Road to the Subject Property, facing southerly. Note the south-adjointing residential houses across Bristol Road and the overhead utility lines along the Road.



Photograph 3: View of the east-adjointing park, facing easterly/northeasterly.



Photograph 4: View of the north-adjointing vacant land, facing northerly.



Photograph 5: View of the west-adjointing subdivision, facing northerly.



Photograph 6: View of the south-bordring Bristol Road and the second entrance to the Subject Property from the road, facing easterly along the asphalt-paved trail paralleling the Road. Note the overhead utility lines.



Photograph 7: View of the western-most entrance to the Subject Property from Bristol Road, facing northerly.



Photograph 8: View of the terminus of the unpaved trail on the Subject Property that extends across the western portion of the Subject Property from the western-most entrance along Bristol Road to Arlington Road in the northeastern corner of the west-adjointing subdivision, facing southeasterly.



Photograph 9: View of the abandoned silo in the center of the southern portion of the Subject Property, surrounded by concrete utility pipes, facing northwesterly.



Photograph 10: View of the exterior of the abandoned silo located in the southern portion of the Subject Property, facing southerly.



Photograph 11: View of the interior of the abandoned silo located in the southern portion of the Subject Property.



Photograph 12: View of solid waste such as wood beams and metal pieces located north of the silo on the Subject Property, facing east/southeasterly.



Photograph 13: Representative view of abandoned farm equipment present on the Subject Property.



Photograph 14: Representative view of soil mounds with vegetation growing on them located in the southwestern portion of the Subject Property, facing northerly . Note the solid waste consisting of concrete utility pipes and wood debris present beyond the soil mounds.



Photograph 15: View of pieces of metal equipment observed in the southwestern area where the farmstead structures previously stood, facing southwesterly.



Photograph 16: View of concrete steps and slabs, along with other solid waste found in an overgrown area in the southwestern corner of the Subject Property.



Photograph 17: View of automobile tires observed along the western boundary of the Subject Property, facing easterly.



Photograph 18: View of solid waste likely blown onto the Subject Property from the west-adjointing subdivision, facing east/southeasterly.



Photograph 19: Representative view of the stream and bordering vegetation located in the northern half of the Subject Property, facing northeasterly.



Photograph 20: View of newly formed soil mounds located near the southern boundary of the Subject Property, facing southerly.



Photograph 21: View of additional utility equipment stored on the southwestern portion of the Subject Property.

MICHAEL D. SMITH

SENIOR TECHNICAL SERVICES MANAGER

Mr. Smith is a 1995 graduate of the University of Michigan-Flint. He has over twenty years of experience in environmental consulting. He has completed all phases of underground storage tank (UST) management, Phase I and II Environmental Site Assessments (ESAs), site remediation and closure, asbestos assessments, wetland assessments, industrial storm water compliance evaluations, spill contingency plans, Baseline Environmental Assessments (BEAs), Due Care Evaluations, RCRA Corrective Action, and brownfield redevelopment projects.

Education

- University of Michigan, B.S. Resource Planning
- ASTM Risk-Based Corrective Action Training
- Brownfield Development Training, Michigan Municipal League
- Wetlands Delineation Training, Army Corp of Engineers
- Various due diligence seminars

Registrations, Certifications

- Certified Underground Storage Tank Professional - MI
- Hazardous Waste Operations and Emergency Response, OSHA
- EPA Asbestos Building Inspector
- Industrial Storm Water Operator-MI

Areas of Expertise

- Phase I, II ESAs
- Baseline Assessments (BEAs)
- Due Care Evaluations
- Compliance/Regulatory Reporting
- Transaction Screens
- Subsurface Investigations
- UST Removal and Assessment
- Refueling System Management
- Part 201 evaluation and closures
- Asbestos Assessments
- Wetlands
- Brownfield Redevelopment
- Hazardous materials evaluations for building demolition and renovation

Professional Experience

- Senior Technical Services Manager, Applied EcoSystems
- Project Manager, Applied EcoSystems

Project Experience Highlights

- Completed multiple environmental assessment projects for a variety of public and private clients whose facilities include commercial office, retail, and proposed development sites, and various industrial and manufacturing facilities in Michigan, Ohio, Indiana, Illinois, Florida, Maine, Colorado, New Mexico, and Nevada.
- Coordinated numerous UST investigations throughout Michigan, Wyoming, Nebraska, Ohio, Indiana, and Colorado, including obtaining regulatory permits, compliance reporting and site closure.
- Completed UST removal oversight and verification sampling activities at various Michigan and Colorado industrial and manufacturing facilities.
- Completed soil boring and groundwater investigations at numerous leaking underground storage tank (LUST) sites and sites of environmental concern. Field activities have included soil, groundwater and sediment sampling, well installation and sampling, and determination of appropriate investigation areas based on site and area conditions.
- Completed facility determinations, BEAs, and due care evaluations for multiple sites in Michigan, including a former airport/gasoline station; automobile repair facilities, dry cleaners, gasoline stations, former industrial landfills, marinas and manufacturing facilities.
- Conducted a BEA on an expedited schedule for a 20-acre industrial facility formerly operated as a landfill. Investigations included three acres of geophysical assessment and over 70 soil borings. The investigation and reporting was completed within 35 days.
- Implemented a PCB cleanup at a multi-story commercial building. Responsibilities included tracing, cleaning, and replacement of various drain pipes, sewer outlets, cleaning an elevator shaft; confirmatory wipe and concrete core sampling, waste disposal coordination, and preparation and submittal of a Closure Report to the Region V EPA.
- Conducted RCRA Corrective Action activities, including Quality Assurance Project Plans, investigations, and reporting.
- Completed PCB-remediation projects under the Toxic Substances Control Act (TSCA)

SANDRA K. CLARK

OWNER/PRESIDENT

Ms. Clark is Owner and President of Applied *EcoSystems*, a full-service environmental management company. Under Ms. Clark's leadership, Applied *EcoSystems* developed its applied ecosystems approach for environmental solutions, using applied science and ecological-and-economic management systems. Ms. Clark is a Registered Environmental Manager with over twenty four years of experience conducting all phases of environmental site assessments. She specializes in environmental liability risk identification and protection, and frequently gives presentations on environmental concerns and management strategies. A specialist in computer science, she also designed and implemented computer applications involving statistical interpretation of laboratory and geological data.

Education

- University of Michigan,
B.S. Computer Science

Registrations, Certifications

- NREP Environmental Manager
- NREP Environmental Auditor
- Hazardous Waste Operations and
Emergency Response, OSHA
- EPA AHERA Building Inspector
- Waste Water Operator-MI

Areas of Expertise

- Presentations and Seminars
- Environmental Liability Protection
- Environmental Site Assessments
and Subsurface Investigations
- Geological and Statistical
Computer Applications
- Industrial Compliance Evaluations
- Storm Water Management
- Asbestos Assessment

Professional Experience

- Owner/ President,
Applied *EcoSystems*
- Department Manager,
Advanced Environmental
- Project Manager,
The Avendt Group

Publications and Presentations

- Michigan Bankers Magazine
- National Water Well Assn. Journal
- National Groundwater Assn.
- Michigan Public Radio
- University of Michigan-ESA Class
- Local Chambers of Commerce
- Optimist Clubs
- Rotary Clubs
- Commercial Board of Realtors
- Michigan Business Brokers
Association
- Genesee County Bar Association

Project Experience Highlights

- Managed hundreds of nationwide Environmental Site Assessments (ESAs) for public and private clients at a wide variety of sites: commercial office, retail, utility, and medical establishments; multi-family residential complexes; schools; rail yards; marinas; automotive manufacturing, maintenance and dealership sites; and numerous other manufacturing and industrial facilities.
- Performed multiple Baseline Environmental Assessments (BEAs), Facility Determinations and Due Care assessments for the purpose of providing liability protection for purchasers of contaminated property. BEAs were performed for industrial facilities, bulk petroleum facilities, golf courses, retail gasoline operations, airports, and wholesale distributors. Required reviews by the Michigan DEQ were favorable and affirmed liability protection.
- Managed the completion of multiple Spill Prevention Control and Countermeasures (SPCC) Plans, and Storm Water Pollution Prevention Plans (SWPPP) for a large international industrial client. Completed site evaluations and outfall determinations for facilities throughout the United States.
- Conducted many subsurface site investigations to assist clients in property purchase decisions and risk identification and protection. When environmental impacts were determined, buyers and lenders were able to avoid liability risks, and sellers were able to perform corrective cleanup actions to facilitate successful property transfers. One project was an investigation of a tank manufacturing site where identified concerns halted the property sale and protected a potential buyer from liability risk. In another project, corrective action and soil removal at a contaminated chemical storage area and railroad loading dock allowed for a successful property transfer. A development project at a historical automotive site identified heavy metal concentrations in soil and groundwater that were subsequently found to not be a concern following statistical evaluation of area conditions, allowing that project to proceed as scheduled.
- Evaluated a major university's proposed satellite campus at a former electrical equipment service facility with a site assessment and subsurface investigation. The project included PCB soil and groundwater investigation, associated remediation and UST removal. The site was determined to be a suitable campus location and is fully operational today.

Ms. Denada Planaj is a Project Manager and Researcher at Applied EcoSystems. She graduated in 2018 from Michigan Technological University with a Bachelor of Science degree in Geological Engineering, focusing on environmental geology, and successfully attained an EIT in Environmental Engineering in Michigan. She completed a Master of Science degree in Geology at Wayne State University with a focus on radioisotopes and groundwater contamination. As a researcher, she collects various historical and environmental records and assists with field operations. She assists in the completion of Phase I and Phase II Environmental Site Assessments, Baseline Environmental Assessments, subsurface investigations, and surveying.

Education

- Michigan Technological University-Houghton, MI
B.S. Geological Engineering
- Wayne State University-Detroit, MI M.S. Geology

Registrations, Certifications

- EIT Environmental

Areas of Expertise

- Historical and environmental research
- Local municipality and state communications
- Graphics design
- Computer-aided drafting
- PFAS sampling
- Groundwater sampling

Professional Experience

- Graduate Research Assistant
Wayne State University 2020-2022
- Environmental Scientist
Applied EcoSystems Inc. 2021-Present

Publications and Presentations

- Pavlis Honors College award recipient and presented at the Undergraduate Research Symposium

Project Experience Highlights

- Collected research records of various projects for Phase I & II environmental reports and surveys nationwide.
- FOIA request and communication with local and state offices.
- Assisting in technical report writing and final report graphics.
- On-site soil, groundwater, and PFAS sampling collection, handling, record keeping and storage.

F•S•E

Environmental Consultants, Inc.

April 14, 1999

Woodside Builders
7550 Miller Road
Swartz Creek, MI 48473

Attention: Mr. Kahlil Nemer

Reference: Phase I Environmental Site Assessment
Farm Property, 6220 Bristol Road
Section 30, T7N-R6E, City of Swartz Creek
Genesee County, Michigan

Dear Mr. Nemer:

F•S•E Environmental Consultants, Inc. has completed a Transaction Screen Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1528 for a farm property located at 6220 Bristol Road in Section 30, T7N-R6E, City of Swartz Creek, Genesee County, Michigan, the Site. This assessment has revealed no evidence of major recognized environmental conditions concerning the Site. We did find several items that should be properly removed from the Site and disposed of. These are described in the following Transaction Screen report.

Thank you for the opportunity to be of service to you. If you have any questions or comments, or need this service in the future, please feel free to call.

Sincerely,

F•S•E Environmental Consultants, Inc.



William J. Archer
Environmental Manager

***TRANSACTION SCREEN
ENVIRONMENTAL SITE ASSESSMENT***

FOR

***FARM PROPERTY
6220 BRISTOL ROAD
PARTS OF SE ¼ AND SW ¼ OF SECTION 30, T7N-R6E
CITY OF SWARTZ CREEK, MICHIGAN
GENESEE COUNTY, MICHIGAN***

PREPARED FOR:

***WOODSIDE BUILDERS
7550 MILLER ROAD
SWARTZ CREEK, MI 48473***

PREPARED BY:

***F·S·E ENVIRONMENTAL CONSULTANTS, INC.
5370 MILLER ROAD, SUITE 13
SWARTZ CREEK, MICHIGAN 48473
(810) 230-9150***

APRIL 14, 1999

TRANSACTION SCREEN

FARM PROPERTY, 6220 BRISTOL ROAD
PARTS OF SE ¼ & SW ¼ OF SECTION 30, T7N-R6E
CITY OF SWARTZ CREEK, GENESEE COUNTY, MICHIGAN

TABLE OF CONTENTS

1.0 SUMMARY	1
2.0 INTRODUCTION	2
2.1 PURPOSE	2
2.2 SPECIAL TERMS AND CONDITIONS	3
2.3 LIMITATIONS AND EXCEPTIONS	3
2.4 LIMITING CONDITIONS AND METHODOLOGY USED	3
3.0 SITE DESCRIPTION	4
3.1 LOCATION AND LEGAL DESCRIPTION	4
3.2 SITE AND VICINITY CHARACTERISTICS	4
3.3 DESCRIPTION OF SITE, STRUCTURES, ROADS AND IMPROVEMENTS	5
3.3.1 General Description of Site	5
3.3.2 Site Utilities and Mechanical Systems	6
3.3.3 Site Improvements	6
3.4 INFORMATION REPORTED BY USER	6
3.5 CURRENT USE OF SITE	6
3.6 PAST USES OF SITE	6
3.7 CURRENT USES OF ADJOINING PROPERTIES	6
3.8 PAST USAGE OF ADJOINING PROPERTIES	7
4.0 RECORDS REVIEW	8
4.1 STANDARD ENVIRONMENTAL RECORD SOURCES	8
4.1.1 Act 307 List	9
4.1.2 LUST List	9
4.1.3 UST List	10
4.1.4 RCRIS Generators Lists	10
4.1.5 RCRIS TSD List	11
4.1.6 Solid Waste Facilities List	11
4.1.7 CERCLIS List	11
4.1.8 NPL List	12
4.1.9 ERNS List	12
4.1.10 Miscellaneous Lists	12
4.1.11 Unmappable Sites	13
4.2 MAPS AND AERIAL PHOTOGRAPHS	13
4.2.1 U.S.G.S. Maps	13
4.3.1 Aerial Photographs	14

5.0 INFORMATION FROM SITE INSPECTION AND INTERVIEWS.....	15
5.1 SITE INSPECTION.....	15
5.1.1 Hazardous Substances Used on the Site.....	15
5.1.2 Hazardous and/or Unidentified Substance Containers.....	15
5.1.3 Storage Tanks.....	15
5.1.4 Indications of Polychlorinated Biphenyls	15
5.1.5 Indications of Solid Waste Disposal	16
5.1.6 Indications of Asbestos Containing Materials.....	16
5.1.7 Indications of Lead-Based Paint	16
5.1.8 Indications of Lead in Drinking Water.....	16
5.1.9 Indications of Sewage Disposal.....	16
5.1.10 Indications of Radon	16
5.2 INTERVIEWS	17
5.2.1 Local Officials.....	17
5.2.2 County Officials.....	17
5.2.3 State Officials.....	17
5.2.4 Current Property Owner or Occupant.....	18
6.0 FINDINGS AND CONCLUSIONS	19
7.0 RECOMMENDATIONS.....	20

TRANSACTION SCREEN

FARM PROPERTY, 6220 BRISTOL ROAD
PARTS OF SE ¼ & SW ¼ OF SECTION 30, T7N-R6E
CITY OF SWARTZ CREEK, GENESEE COUNTY, MICHIGAN

EXHIBITS

- “A” LOCATION MAP**
- “B” SUMMARY OF ENVIRONMENTAL CONTAMINATION LISTS SEARCH**
- “C” SITE PHOTOGRAPHS**
- “D” TRANSACTION SCREEN QUESTIONNAIRE**
- “E” INTERVIEW DOCUMENTATION**
- “F” EDR RADIUS MAP WITH GEOCHECK**

1.0 SUMMARY

F·S·E Environmental Consultants, Inc. has completed a Transaction Screen Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1528 for a farm property located at 6220 Bristol Road in Section 30, T7N-R6E, City of Swartz Creek, Genesee County, Michigan, the Site. This assessment has revealed no evidence of major recognized environmental conditions concerning the Site. We did find several items that should be properly removed from the Site and disposed of. These include four above ground storage tanks; numerous cans of oils, lubricants, paints and possibly other unidentified fluids; and oily sludge located on the floor of a barn. Due to the age of the buildings located on the Site, it is also possible that asbestos containing materials and lead-based paint are present. An inspection for asbestos containing materials and lead-based paint is beyond the scope of this Transaction Screen. Also due to the age of the Site buildings, we also considered the possibility of the presence of a buried fuel oil tank that might have been used for heating fuel in the past. While we found no visual evidence of a buried fuel oil tank, it is possible that one exists.

Mr. Kahlil Nemer, representing Woodside Builders, retained F·S·E Environmental Consultants, Inc. to complete this Transaction Screen. This Transaction Screen was prepared for use by Woodside Builders. Woodside Builders may rely on the contents and conclusions of this Transaction Screen.

2.0 INTRODUCTION

Mr. Kahlil Nemer retained F·S·E Environmental Consultants, Inc. to complete a Transaction Screen for a 183 acre farm property located at 6220 Bristol Road, Swartz Creek, Michigan. The property is located on the north side of Bristol Road between Elms Road to the west and Miller Road to the east in the Southeast ¼ and Southwest ¼ of Section 30, T7N-R6E, City of Swartz Creek, Genesee County, Michigan, the Site. This Transaction Screen was prepared for use by Woodside Builders. Woodside Builders may rely on the contents and conclusions of this Transaction Screen.

Mr. Nemer furnished F·S·E Environmental Consultants, Inc. with the legal description of the Site. Mr. Nemer stated that the Site has been used for farming.

2.1 PURPOSE

The purpose of the Transaction Screen is to evaluate the potential for past and present environmental contamination at a site and surrounding areas. It is intended to satisfy the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) innocent landowner defense. Such contamination could be from leaking storage tanks, surface spills, industrial or manufacturing operations, dumpsites or landfills, pesticides and herbicides, hazardous building materials, and from other hazardous and/or toxic sources. Environmental contamination at a site can be the result of the described activities occurring directly on the site or from the migration of contamination from adjacent areas.

F·S·E Environmental Consultants, Inc.'s procedure for completing the Transaction Screen has been developed to satisfy the requirements of the ASTM Standards on Environmental Site Assessments for Commercial Real Estate E 1528 Standard Practice for Environmental Site Assessments: Transaction Screen Process. ASTM Standard E 1528 describes the objectives of the Transaction Screen as identifying recognized environmental conditions associated with the site. The Transaction Screen consists of asking questions contained in the Transaction Screen Questionnaire of owners and occupants of the property, observing site conditions at the property with direction provided by the Transaction Screen Questionnaire, and to the extent reasonably ascertainable, conducting limited research regarding certain government records and certain standard historical sources.

F·S·E Environmental Consultants, Inc.'s Transaction Screen investigation includes: a records review of available standard federal, state, and local environmental record sources; a physical site inspection and reconnaissance of buildings, grounds, utilities and other site features; the completion of the ASTM Environmental Site Assessment Transaction Screen Questionnaire; and the preparation of a report summarizing the findings of this research with conclusions and recommendations.

2.2 SPECIAL TERMS AND CONDITIONS

This Transaction Screen has been prepared in accordance with the requirements of the ASTM Standards on Environmental Site Assessments for Commercial Real Estate E 1528 Standard Practice for Environmental Site Assessments: Transaction Screen Process.

2.3 LIMITATIONS AND EXCEPTIONS

The information included in this Transaction Screen was obtained by F·S·E Environmental Consultants, Inc. personnel who are experienced in site assessment. Our personnel have strived to conduct their investigation and inspection services with a level of care and skill ordinarily exercised by members of the environmental engineering profession currently practicing in the same locality and under similar conditions. No other warranties or guarantees, either expressed or implied, are made regarding the conclusions or recommendations included in this report. Some of the information contained in this report was obtained from public records and outside sources beyond the control of F·S·E Environmental Consultants, Inc. While this information is deemed reliable, F·S·E Environmental Consultants, Inc. disclaims any and all liability for any errors, omissions, or inaccuracies in the data and information obtained from those public records and outside sources.

2.4 LIMITING CONDITIONS AND METHODOLOGY USED

There are no limiting conditions or exceptions to the methodology used in this Transaction Screen.

3.0 SITE DESCRIPTION

On April 13, 1999, F·S·E Environmental Consultants, Inc. personnel completed a visual inspection of the Site and the surrounding properties. The Site was inspected for type of development, usage, landfills, dumps and evidence of any existing or potential environmental contamination. The Site is primarily a vacant parcel of land that has been used for farming.

3.1 LOCATION AND LEGAL DESCRIPTION

The Site is located on the north side of Bristol Road between Elms Road to the west and Miller Road to the east. The Site is located approximately 2 miles northeast of the City of Swartz Creek central business district. The location of the Site is shown on the Exhibit "A" Location Map.

The legal description of the Site is:

PARCEL A (EAST)

Part of the West ½ of the Southeast ¼ and the East ½ of the Southwest ¼ and West ½ of the Southwest fractional ¼, Section 30, Town 7 North, Range 6 East, City of Swartz Creek, Genesee County, Michigan and further described as beginning at the South ¼ corner of said Section 30, thence South 89°31'00" West, 1308.98 feet; thence North 01°41'53" West, 2686.89 feet; thence North 89°38'38" East, 1324.14 feet to the interior ¼ corner of said Section 30; thence North 89°20'14" East, 1331.89 feet to a point on the East 1/8 line of the Southeast ¼ of Section 30, as occupied; thence South 00°58'31" East, 2685.91 feet to a point on the South line of said Section 30; thence South 89°26'32" West, 1313.14 feet to the point of ending.

AND

PARCEL B (WEST)

Part of the West ½ of the Southwest fractional ¼, Section 30, Town 7 North, Range 6 East, City of Swartz Creek, Genesee County, Michigan and further described as beginning South 89°31'00" West, 1498.98 feet from the South ¼ corner of said Section 30; thence South 89°31'00" West, 376.44 feet; thence North 00°16'44" West, 2687.41 feet; thence North 89°38'38" East, 309.90; thence South 01°41'53" East, 3687.31 feet to the point of beginning.

3.2 SITE AND VICINITY CHARACTERISTICS

The Site is a vacant parcel of farmland and fallow land. It is located in a rural area that is comprised primarily of farmland, fallow land and residential parcels. A General Motors warehouse facility is located east of the Site and a public elementary school is located west of the northwest corner of the Site. A Consumers Energy Company parcel separates Parcel A from Parcel B.

3.3 DESCRIPTION OF SITE, STRUCTURES, ROADS AND IMPROVEMENTS

3.3.1 General Description of Site

The Site is a farm. The farm homestead is located along Bristol Road near the center of Parcel A. This area includes a house, barns, sheds and a silo. All of these buildings are old and in very poor condition. The house is vacant and boarded up. There are no other buildings or structures located on the Site outside of the homestead area. Due to the poor condition of the buildings and because the house is vacant and boarded up, a thorough inspection of the inside of the Site was buildings was not completed as part of this Transaction Screen.

The barns and sheds were partially open allowing our personnel to complete a cursory inspection of their insides by viewing them through the openings. A smaller barn located along the west side of the homestead area contains numerous cans of oils, lubricants, paint and possibly other unidentified fluids. The floor of this barn is covered with an oily sludge that is probably a mixture of all of these fluids. Four above ground storage tanks are located adjacent to this barn. Our personnel were not able to determine the contents of these tanks.

The majority of the Site consists of farm fields. It appears that the fields were farmed last year. A small woods is located in the northeast corner of Parcel A. The woods covers approximately 6 acres. Clear water was ponded in the woods at the time of the Site inspection. A small pond is located along the north line of Parcel A, approximately 600 feet east of the northwest corner of Parcel A. The pond covers approximately 1 acre. The water in the pond was clear at the time of the Site inspection. Two treed fence rows traverse east-west across both parts of the Site. The south fence row is located approximately 0.1 mile north of Bristol Road and the north fence row is located approximately 0.4 mile north of Bristol Road. The south fence row traverses from the west line of Parcel B to west side of the homestead area. The north fence row traverses from the west line of Parcel B to the west of the woods.

Two natural drainageways traverse across the Site. The longest drainageway starts southeast of the northwest corner of Parcel A and traverses southeasterly to a headwall and culvert located approximately 400 feet north of the southeast corner of the Parcel A. The other drainageway starts near the center of the west line of Parcel B and traverses easterly to the center of Parcel A where it joins with the other drainageway.

The topography of the Site is gently rolling. Drainage appears to be in several different directions. There is no well defined drainage pattern except that a large part of the Site drains to the two drainageways described above.

Our personnel did not observe any dead or distressed vegetation, stained or discolored soil, evidence of dumping, evidence of buried waste or debris, or other evidence of any existing environmental contamination or potential sources of environmental contamination on the Site during our Site inspection. Site photographs are included in this report as Exhibit "C".

3.3.2 Site Utilities and Mechanical Systems

Because the Site is primarily farmland, the only utilities or mechanical systems located on the Site are those serving the homestead area.

Public sanitary sewer and watermain are located in the Bristol Road right-of-way in front of the Site. Both of these are available for service to future development of the Site. Due to the apparent age of the farm, it is possible that the farm house was served with a private water well and septic system in the past. Our personnel found no evidence of either.

Gas mains, overhead electrical lines and overhead telephone lines are also located in the Bristol Road right-of-way. A natural gas service connection was observed by our personnel on the east exterior wall of the house. This indicates that the house was last heated with natural gas. Due to the age of the house, it is possible that it was heated with fuel oil in the past. Our personnel did not observe any above ground fuel oil tanks outside the house or fill tubes that would indicate the presence of buried fuel oil tanks outside the house or fuel oil tanks in the basement of the house. It is still possible that there is an old fuel oil tank somewhere around or in the house. There are no electrical transformers located on the Site.

3.3.3 Site Improvements

The only improvements located on the Site are the buildings located in the homestead area.

3.4 INFORMATION REPORTED BY USER

The Site was unoccupied at the time of our Site inspection.

3.5 CURRENT USE OF SITE

As described above, the current use of the Site is as a farm.

3.6 PAST USES OF SITE

Based upon the information compiled during our research for this Transaction Screen, which is described throughout this report, the historical usage of the Site was as a farm.

3.7 CURRENT USES OF ADJOINING PROPERTIES

As described in Section 3.2 of this report, the Site is located in an area that is comprised primarily of farmland and individual residential properties. A Consumers Energy Company parcel is located between Parcels A and B. Overhead electrical transmission lines traverse north-south across this property. This property has also been farmed with Parcels A and B.

A General Motors warehouse facility abuts the east line of Parcel A. Our personnel did not observe any evidence of the industrial waste ponds shown on the U.S.G.S. maps. These have apparently been filled in and that area is used for the storage of pallets and bins now. Individual residential properties are located south of the Site on the south side of Bristol Road. Elms Road Elementary School abuts the northwest corner of Parcel B. Vacant land abuts the remainder of the west line of Parcel B. Individual residential parcels are located farther to the west along Elms Road. The land located north of the Site is also fallow land, woods and farmland.

There are no other factories or industrial facilities, gas stations, landfills, dumps or other similar facilities located near the Site.

3.8 PAST USAGE OF ADJOINING PROPERTIES

Based upon our review of historical aerial photographs and maps encompassing the Site and the surrounding properties, the past usage of the properties adjoining the Site has been virtually unchanged since 1966.

4.0 RECORDS REVIEW

4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

There are several federal and state regulatory agencies that provide information concerning environmental contamination sites, producers of hazardous materials, and landfills or disposal sites. ASTM Standard E 1528 establishes standards for a government environmental record sources search. These recommendations describe the standard environmental record sources which are to be searched and the approximate minimum search distance of these records for environmental record sites surrounding the site being assessed. Following is a list of the recommended standard environmental record sources and the approximate minimum search distances. A regulatory database search of the standard environmental record sources was completed for the Site for F-S-E Environmental Consultants, Inc. by Environmental Data Resources, Inc. (EDR) on April 1, 1999. The EDR Radius Map with GeoCheck report is included in this Transaction Screen as "F". A summary of the identified environmental record sites is included in this Transaction Screen as Exhibit "B".

<u>Record Source</u>	<u>Approx. Min. Search Distance (Miles) *</u>
MDEQ Public Act 307 List	1.0
MDEQ Leaking Underground Storage Tank (LUST) List	0.5
Michigan Registered Underground Storage Tank (UST) List	Site and Adjoining Properties
USEPA Resource Conservation and Recovery Information System (RCRIS) Generators List	Site and Adjoining Properties
USEPA Hazardous Waste Management Facilities List (RCRIS TSD)	1.0
MDEQ Solid Waste Facilities (Landfills) List	0.5
USEPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List	0.5
USEPA National Priorities List (NPL)	1.0
USEPA Emergency Response Notification System (ERNS) List	Site Only

Due to the large size of the Site, the search radii were increased to include all environmental record sites located within the designated search distances measured from the extreme points of the Site.

4.1.1 Act 307 List

The Michigan Environmental Response Act (Public Act 307) provides identification, risk assessment, and priority ranking of sites of environmental contamination requiring corrective action. The Michigan Department of Environmental Quality Environmental Response Division prepares this list under the Michigan Environmental Response Act (MERA) 1982 Public Act 307, as amended. The list of Michigan Act 307 sites was searched to identify Act 307 sites located within 1.0 mile of the Site. The Act 307 sites are identified as State Hazardous Waste Site (SHWS) in the EDR report. Following is a summary of EDR's Act 307 search.

The Site is not on the Act 307 list. EDR identified one Act 307 site that is located near the 1.0 mile designated search distance surrounding the Site. It is:

(8) Genesee Valley Center, 3341 Linden Road

Genesee Valley Center is located approximately 1.3 miles east of the east line of the Site. Due to its distance from the Site, it is not considered to be potential source of environmental contamination to the Site. Also due to its distance from the Site, it does not fall within the limits of the Exhibit "A" Location Map and is not plotted there.

4.1.2 LUST List

The Michigan Department of Environmental Quality Environmental Response Division compiles a list of "Leaking Underground Storage Tank (LUST) Sites for the State of Michigan". The LUST list is comprised of sites where the source of a contaminant release is from a petroleum underground storage tank. The list of Michigan Department of Environmental Quality LUST sites was searched to identify LUST sites located within 0.5 miles of the Site. Following is a summary of EDR's LUST search.

The Site is not on the LUST list. EDR identified three LUST sites located within or near the 0.5 mile designated search distance surrounding the Site. There are:

- (6) Auto Imaging Inc., G-6437 Lennon Road**
- (A2) General Motors Corp., 6060 W. Bristol Road**
- (7) Marathon Unit #1937, 7026 Miller Road (@ Elms Road)**

The locations of these LUST sites are shown on the Exhibit "A" Location Map. Auto Imaging Inc. is located approximately 0.5 mile north of the northwest corner of the Site. EDR has identified it as being located at a higher elevation than the Site. General Motors Corp. abuts the east line of the Site. EDR has identified it as being located at a lower elevation than the Site. Marathon Unit #1937 is located approximately 0.5 miles southwest of the southwest corner of the Site. EDR has identified it as being located at a lower elevation than the Site.

The previously described Genesee Valley Center is also included on the LUST but is beyond the search distance for this list.

4.1.3 UST List

The Michigan State Police Fire Marshall Division registers underground storage tanks (UST's) in the State of Michigan. A list of these UST's is compiled by the Fire Marshall Division for the Michigan Department of Environmental Quality. The list of Michigan UST's was searched to identify registered UST's on the Site or within approximately 0.25 miles of the Site. Following is a summary of EDR's UST search.

There are no registered UST's on the Site. EDR identified one UST site located within or near the 0.25 mile designated search distance surrounding the Site. It is:

(A2) General Motors Corp., 6060 W. Bristol Road

This is a previously described LUST site.

The previously described Genesee Valley Center, Auto Imaging Inc. and Marathon Unit #1937 are also included on the UST list, but are located beyond the search distance for this list.

4.1.4 RCRIS Generators Lists

The United States Environmental Protection Agency, in accordance with the Resource Conservation and Recovery Act (RCRA), maintains Resource Conservation and Recovery Information System (RCRIS) Generators lists of businesses and industries that generate small and large quantities of hazardous waste. The RCRIS Generators lists are not lists of environmental contamination sites. RCRA was established to control hazardous waste from its origin to its final disposal so that the environment will not be contaminated by this material. Due to the purpose of the RCRIS Generators lists, these sites are not necessarily considered to be environmental contamination sites and are only of interest because hazardous material is present at those locations. The RCRIS Generators lists of small and large quantity generators were searched to determine if the Site or any properties located within 0.25 miles of the Site have registered as RCRIS Generators. Following is a summary of EDR's RCRIS Generators search.

The Site is not on the RCRIS Generators lists. EDR identified three RCRIS Generators located within or near the 0.25 mile designated search distance surrounding the Site. They are:

- (A3) General Motors Corp., 6060 W. Bristol Road (Large Quantity Generator)**
- (4) Diverse Plastics Inc., G-6437 Lennon Road (Small Quantity Generator)**
- (5) Mateikis Residence, 6019 Lennon Road (Small Quantity Generator)**

The locations of these RCRIS Generator sites are shown on the Exhibit "A" Location Map. General Motors Corp. is a previously discussed LUST and UST site. Diverse Plastics Inc. and Mateikis Residence are located approximately 0.5 mile north of the Site. The address for Diverse Plastics Inc. is the same address for the previously described Auto Imaging Inc. These are apparently the same property that has more than one business reported as and environmental record site. Due to their distances from the Site, Diverse Plastics Inc. and Mateikis Residence are not considered to be potential sources of environmental contamination to the Site.

The previously described Genesee Valley Center is also included on the RCRIS Generators list but is beyond the search distance for this list.

4.1.5 RCRIS TSD List

The United States Environmental Protection Agency, in accordance with the Resource Conservation and Recovery Act (RCRA), maintains a Resource Conservation and Recovery Information System (RCRIS) list of businesses and industries that treat, store and dispose (TSD) of hazardous waste. The RCRIS TSD list was searched to identify sites located within 0.5 miles of the Site. Following is a summary of EDR's RCRIS TSD search.

The Site is not on the RCRIS TSD list. EDR identified one RCRIS TSD site located within or near the 0.5 mile designated search distance surrounding the Site. It is:

(A3) General Motors Corp., 6060 W. Bristol Road

This is a previously described LUST, UST and RCRIS Generator site.

4.1.6 Solid Waste Facilities List

The Michigan Department of Environmental Quality licenses solid waste facilities and landfill sites under Michigan's Solid Waste Management Act, 1978 P.A. 641, as amended. These facilities include landfills, closed dumps, processing plants and incinerators. The "Michigan Solid Waste Facilities (SWF) List" was searched for facilities located within 0.5 miles of the Site. Following is a summary of EDR's SWF search.

The Site is not on the SWF List. There are no SWF sites located within the 0.5 mile designated search distance surrounding the Site.

4.1.7 CERCLIS List

The United States Environmental Protection Agency, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) created national policy and procedures to identify and clean up sites contaminated by releases of hazardous substances, and to finance these remedial activities. This is commonly known as the Federal Superfund law. The CERCLA

Information System (CERCLIS) is a compilation of information for sites that may be contaminated with hazardous substances. The list of "Michigan CERCLIS Sites" was searched to identify CERCLIS sites located within 0.5 miles of the Site. Following is a summary of EDR's CERCLIS search.

The Site is not on the CERCLIS list. There are no CERCLIS sites located within the 0.5 mile designated search distance surrounding the Site.

4.1.8 NPL List

As part of Superfund, a process for setting priorities to evaluate contamination sites was established. A hazardous ranking system was implemented to evaluate the risks to the environment and individuals. The sites receiving the highest ranking are placed on the "National Priorities List (NPL)" and are then eligible for cleanup under Superfund. The list of "Michigan NPL Sites" was searched to identify NPL sites located within 1.0 mile of the Site. Following is a summary of EDR's NPL search.

The Site is not on the NPL list. There are no NPL sites located within the 1.0 mile designated search distance surrounding the Site.

4.1.9 ERNS List

The United States Environmental Protection Agency compiles an "Emergency Response Notification System (ERNS)" list of reported CERCLA hazardous substance releases or spills in quantities greater than the National Response Center reportable quantity. The ERNS list was searched to determine if there has been a reported release or spill of a hazardous substance on the Site. Following is a summary of EDR's ERNS search.

The Site is not on the ERNS list.

4.1.10 Miscellaneous Lists

Included in the EDR report are other lists of environmental record sites searched for this Transaction Screen. The Site was not identified as being on any of these lists.

EDR identified the **General Motors Corp.** facility as being on the CORRACTS (A3), FINDS (A1) and TRIS (A3) lists. CORRACTS is a list of handlers with RCRA Corrective Action Activity. FINDS is the Facility Index System that contains both facility information and "pointers" to other sources of information that contain more detail. TRIS is the Toxic Chemical Release Inventory System that identifies facilities that release toxic chemicals to the air, water and land in reportable quantities under SARA Title III, Section 313. No other properties were identified on any of these lists.

4.1.11 Unmappable Sites

Included in the EDR report is a discussion of unmappable sites that can not be mapped due to poor or inadequate address information. Two unmappable sites were identified by EDR for this report. Through our other research for this and past environmental assessments, we have determined that these sites are not located near the Site and are not considered to be concerns as potential sources of environmental contamination to the Site.

4.2 MAPS AND AERIAL PHOTOGRAPHS

4.2.1 U.S.G.S. Maps

F·S·E Environmental Consultants, Inc. is in possession of two printings of the United States Department of the Interior Geological Survey (U.S.G.S.) quadrangle maps for Swartz Creek, Michigan that encompass the Site. One U.S.G.S. map was prepared in 1969. The other is a 1975 revision to the 1969 map. The 1975 U.S.G.S. map is included in this Transaction Screen as the Exhibit "A" Location Map.

The Site and the majority of the land surrounding it appear similar in both printings of the U.S.G.S. maps and as found during our Site inspection. The majority of the Site is shown as vacant land. The farm homestead is shown near the center of the Site along the north side of Bristol Road. The General Motors warehouse facility is shown east of the Site. Industrial waste ponds are shown in the northwest corner of the General Motors property near the northeast corner of the Site. A small water tank is shown south of the ponds. Railroad spurs serving the General Motors warehouse facility are shown on the north side of General Motors property. These spurs are located north of the industrial waste ponds and terminate near the northeast corner of the Site. Elms Road School is shown west of the northwest corner of the Site. An addition was constructed to the school between 1969 and 1975. The building occupied by Auto Imaging Inc. and Diverse Plastics Inc. was constructed between 1969 and 1975.

The only indication of a potential source of environmental contamination seen on the U.S.G.S. maps are the industrial waste ponds located on the General Motors property.

The U.S.G.S. maps also show land surface contours and point elevations. This information is useful for estimating the flow of groundwater and surface water in the vicinity of the Site. This can be used for estimating the potential for the Site being impacted by contamination migrating from adjoining properties. The contours on and surrounding the Site indicate that the general drainage in the vicinity of the Site is from the northwest to the southeast. The open ditch drains found during our Site inspection are shown crossing the Site. The West Branch of the Swartz Creek is located southeast of the Site southeast of Bristol and Miller Roads. It appears that the drainage from the Site and surrounding properties discharges to the West Branch of Swartz Creek south of the General Motors warehouse facility.

4.3.1 Aerial Photographs

F·S·E Environmental Consultants, Inc. is in possession of 1966 and 1997 aerial photographs for Section 30 of Flint Township that encompass the Site and surrounding properties. These aerial photographs were obtained from the Genesee County Planning Department. Our personnel reviewed these aerial photographs to determine historical land usage, possible dump site or landfill locations, distressed vegetation and other evidence of environmental contamination.

The Site and surrounding properties appear virtually the same as seen on the U.S.G.S. maps and as found during our Site inspection. There is no evidence of any past usage of the Site other than as farmland or fallow land. The only evidence of any existing or potential source of environmental contamination to the Site or surrounding properties in the aerial photographs is the General Motors warehouse facility.

5.0 INFORMATION FROM SITE INSPECTION AND INTERVIEWS

5.1 SITE INSPECTION

As discussed in Sections 3.0, 3.2 and 3.3 of this Transaction Screen, F·S·E Environmental Consultants, Inc. personnel completed a visual observation and inspection of the Site on April 13, 1999. The following information was obtained based upon this Site inspection.

5.1.1 Hazardous Substances Used on the Site

One of the barns contains numerous cans of oils, lubricants, paint and possibly other unidentified fluids. These were probably used for the maintenance of farm equipment, vehicles and buildings. Because the Site was not being actively farmed at the time of our Site inspection, our personnel did not observe any usage of hazardous substances during the Site inspection.

It is noted that the Site is a farm and as such herbicides, pesticides and fuels have probably been used on the Site. Our personnel did not observe any evidence that the usage of these substances has negatively impacted the Site.

5.1.2 Hazardous and/or Unidentified Substance Containers

As noted above, one of the barns contains numerous containers of oils, lubricants, paint and possibly other unidentified fluids.

5.1.3 Storage Tanks

Four above ground storage tanks were observed on the Site by our personnel during the Site inspection. These are located adjacent to the barn described above that contains the cans of oils, lubricants and paint. Our personnel did not determine what these tanks contained.

As noted above, the Site is a farm and as such diesel fuel and gas were probably used for the farm equipment in bulk. Also, fuel oil may have been used to heat the house and possibly some of the out buildings.

5.1.4 Indications of Polychlorinated Biphenyls

A potential source of contamination to any site is leakage of polychlorinated biphenyl (PCB) contaminated oil from electrical transformers and mechanical equipment. No electrical transformers are located on the Site.

Several pole mounted electrical transformers are located in the Bristol Road right-of-way south of the Site. No leakage was observed from these transformers and no PCB warning labels were observed on these transformers.

5.1.5 Indications of Solid Waste Disposal

F*S'E Environmental Consultants, Inc. personnel did not find any visual evidence in the aerial photographs or physical evidence during the Site inspection that any solid waste has been used as fill or disposed of on the Site.

5.1.6 Indications of Asbestos Containing Materials

An inspection for possible asbestos containing materials is beyond the scope of this Transaction Screen. Due to the age of the Site buildings, especially the house, it is possible that there may be asbestos containing materials in some the building materials or asbestos insulation on the heating ducts or plumbing lines.

5.1.7 Indications of Lead-Based Paint

An inspection for lead-based paint is beyond the scope of this Transaction Screen. Again, due to the age of the Site buildings, it is possible that there is lead-based paint on the buildings, especially the house.

5.1.8 Indications of Lead in Drinking Water

Public water is available as a source of potable water for the Site. Therefore, lead in drinking water is not a consideration for this Transaction Screen. Due to the age of the Site buildings, it is possible that some of the plumbing supply lines have lead-based solder on them or that there is lead in the plumbing fixtures.

5.1.9 Indications of Sewage Disposal

Public sanitary sewer is available for service to the Site.

Because the Site is a farm that has been in existence for many years, it is possible that a private septic system existed on the Site at some time. Our personnel found no evidence of a septic system.

5.1.10 Indications of Radon

A study by the Michigan Department of Public Health on Indoor Radon in Michigan dated May, 1990 indicates that the level of radon detected in a survey of Genesee County residences averaged 1.6 picocuries per liter (pCi/L) and that less than 10% of these residences had levels greater than the acceptable limit of 4 pCi/L. Genesee County is not considered a high risk area for radon.

The EDR report also provides area radon information. Genesee County is identified as being in EPA Radon Zone 2. EPA Radon Zone 2 has average indoor radon levels between 2 and 4 pCi/L.

Testing for radon is beyond the scope of this Transaction Screen.

5.2 INTERVIEWS

Whenever possible, F·S·E Environmental Consultants, Inc. personnel interview local, county and state officials, and current and past property owners and occupants to obtain any available information concerning the particular site and areas adjacent to it. Information available at the local level is generally limited to personal knowledge of fire department and public works personnel. Personnel at the state and federal level are usually not available for information concerning a particular site unless it is a known contamination site. The state and federal information is made available through the various lists discussed previously.

5.2.1 Local Officials

On April 12, 1999, our personnel called the City of Swartz Creek city offices for information about the Site and about environmental contamination sites on or near the Site. Our personnel spoke with Mr. Tom O'Brien, City Manager for the City of Swartz Creek. Mr. O'Brien verified the historical usage of the Site as a farm. He stated that the only possible environmental contamination he knew of near the Site are the old waste pits located along the west line of the General Motors warehouse facility which is also the east line of the Site. He stated that he had been told that there was no problem with contamination there. He said that used to be a low area but that it has been filled in now.

5.2.2 County Officials

John Pettit is a sanitarian for the Genesee County Health Department. In the past, Mr. Pettit monitored and maintained records for environmental contamination sites in Genesee County. This is no longer done and the county refers environmental inquiries to the Michigan Department of Environmental Quality and refers to the Act 307 and LUST lists discussed earlier in this report.

On April 13, 1999, our personnel interviewed Mr. Pettit for any information that he had about the industrial waste ponds on the General Motors Corporation warehouse property. Mr. Pettit stated that he knew they were shown on the U.S.G.S. topographic maps but that he didn't know what they were used for. He thought they might have been used for surface water discharge. He referred our personnel to Steve Blayer and Molly Lamreaux at MDEQ.

5.2.3 State Officials

The Michigan Department of Environmental Quality Environmental Response Division identifies, evaluates and compiles information on contamination sites in the State of Michigan. During previous conversations with personnel there, it has been stated that the best available information is included in the Act 307 and LUST lists. It has also been stated that unless the site being assessed is located adjacent to or shares a common property line with a contaminated site, there probably would not be any migration of the contamination to the Site. It has been MDEQ's policy that if additional or specific information is required, a Freedom of Information Act request must be submitted for copies of their records or an appointment must be made to review their records or discuss the site with their personnel.

Since the General Motors Corporation environmental record site is located adjacent to the Site, our personnel attempted to obtain information from MDEQ personnel concerning the old industrial waste ponds shown on the U.S.G.S. topographic maps. On April 13, 1999, our personnel telephoned Steve Blayer and Molly Lamreaux at MDEQ at the recommendation of John Pettit. Mr. Blayer was not familiar with the General Motors warehouse property and did not know who to refer us to. Molly Lamreaux was not available.

On April 14, 1999, Molly Lamreaux returned our telephone call for information about the General Motors Corporation industrial waste ponds. She did not have any information about them.

5.2.4 Current Property Owner or Occupant

On April 12, 1999, our personnel interviewed Kahlil Nemer of Woodside Builders about the Site for purposes of completing the Transaction Screen Questionnaire. Mr. Nemer stated that Woodside Builders is the owner of the Site. Mr. Nemer stated that he did not know of any environmental contamination on the Site or adjoining properties. Mr. Nemer did know about the General Motors warehouse facility located east of the Site, but he didn't know anything about the industrial waste ponds or other possible contamination at that location. The only usage of the Site that Mr. Nemer knew of was as a farm. Mr. Nemer answered the questions on the Transaction Screen Questionnaire for our personnel. Mr. Nemer's responses to the Transaction Screen Questionnaire are included in this report on the attached Exhibit "D" Transaction Screen Questionnaire.

6.0 FINDINGS AND CONCLUSIONS

F·S·E Environmental Consultants, Inc. has completed a Transaction Screen Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1528 for a farm property located at 6220 Bristol Road in Section 30, T7N-R6E, City of Swartz Creek, Genesee County, Michigan, the Site. This assessment has revealed no evidence of major recognized environmental conditions concerning the Site. We did find several items that should be properly removed from the Site and disposed of. These include four above ground storage tanks; numerous cans of oils, lubricants, paints and possibly other unidentified fluids; and oily sludge located on the floor of a barn.

The Site is not included on any of the environmental records searched. There is one environmental record site located adjacent to the Site. This is a General Motors Corporation warehouse facility abutting the east property line of the Site. Our investigations for this Transaction Screen did not identify any evidence or information indicating that the Site has been impacted by the General Motors environmental record site. It is also noted that the U.S.G.S. maps and the EDR report indicate that the General Motors environmental record site is located downgradient from the Site. This is an indication that the Site probably would not be impacted by any surface water or groundwater flow migrating from the General Motors property. It is also noted that the industrial waste ponds shown on the U.S.G.S. maps have been filled in and no longer exist.

Our review of aerial photographs and maps that encompass the Site and the adjoining properties show that the Site and most of the land surrounding it has remained virtually unchanged since 1966. The Site was historically farmland or fallow land. With the exception of the industrial waste ponds shown on the U.S.G.S. maps, there is no visual evidence of any existing or potential sources of environmental contamination to the Site in the aerial photographs.

Our interviews of City of Swartz Creek and Genesee County personnel did not provide any information about environmental contamination sites on or near the Site. City of Swartz Creek personnel did verify that the historical usage of the Site was for farming.

Our visual observation of the properties adjoining the Site did not identify any potential sources of environmental contamination to the Site or the adjoining properties. As noted above, the industrial waste ponds shown on the U.S.G.S. maps on the General Motors property abutting the Site to the east no longer exist.

During the Site inspection, we considered the potential for the presence of several hazardous substances. These were hazardous waste, storage tanks, polychlorinated bi-phenols (PCBs), and water quality. Our personnel found no evidence of hazardous waste on the Site. We did find numerous cans of oils, lubricants, paint and possibly other unidentified fluids in a barn on the Site. We also found four above ground storage tanks located adjacent to the same barn. These are probably diesel fuel, gasoline and possibly fuel oil tanks that were used for fueling

farm equipment and heating buildings. We found no evidence of any past or present underground storage tanks on the Site. Our personnel did not observe any stained or discolored soils, distressed vegetation or unusual odors during the Site inspection. No PCB labeled equipment or transformers were identified on the Site. Public water and sanitary sewer are available for service to the Site. Therefore, the presence of lead in drinking water is not considered to be of concern. Also, we found no evidence of any septic system being located on the Site.

Inspections and testing for asbestos containing materials (ACM), radon gas, lead-based paint, urea-formaldehyde foam insulation (UFFI) and lead in the drinking water are beyond the scope of this Transaction Screen. It is noted that due to the age of the buildings located on the Site, it is possible that ACM and lead-based paint exist in the Site buildings, especially the house.

7.0 RECOMMENDATIONS

Based upon our investigations and findings for the Site, it is our recommendation that the following items be completed as part of or prior to the future development of the Site:

1. The four above ground storage tanks should be properly emptied, removed from the Site and disposed of.
2. The soil beneath the above ground storage tanks should be analyzed to verify whether it has been impacted by leakage or spills from these tanks. If it has, this area should be remediated by properly removing and disposing of the impacted soil.
3. All of the cans of oils, lubricants, paint and any other cans of unidentified fluids should be removed from the Site and properly disposed.
4. The oily sludge on the floor of the barn containing the cans of oils, lubricants and paint should be removed from the Site and properly disposed of.
5. The demolition and removal of the Site buildings should be completed in such a manner as to ensure the safety and health of the workers, surrounding residents and future occupants of the Site against being affected by asbestos and lead-based paint.

It may be desirable to have an asbestos and lead paint inspection completed by a qualified inspector prior to the start of any demolition so that the extent of any asbestos and lead-based paint will be known and a plan can be developed and implemented to contain any asbestos and lead-based paint that is present.

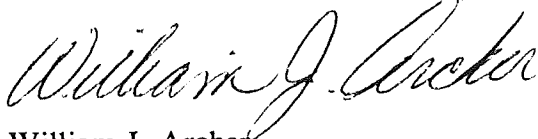
6. The owner should also be aware, that due to the age of the house, it is possible that there is a buried fuel oil tank adjacent to the house or in the basement of the house that was not visible during our Site inspection. If a buried tank is found during demolition of the house

or a tank is found in the basement of the house, or any of the other buildings, it should be emptied, removed and disposed of as described in items number 1 and 2 above.

All of the removal and disposal operations should be completed by qualified remediation contractors and should be done in accordance with USEPA, MDEQ, local and any other guidelines and requirements governing this type of work.

Submitted By:

F•S•E Environmental Consultants, Inc.

A handwritten signature in cursive script, reading "William J. Archer".

William J. Archer
Environmental Manager

EXHIBITS

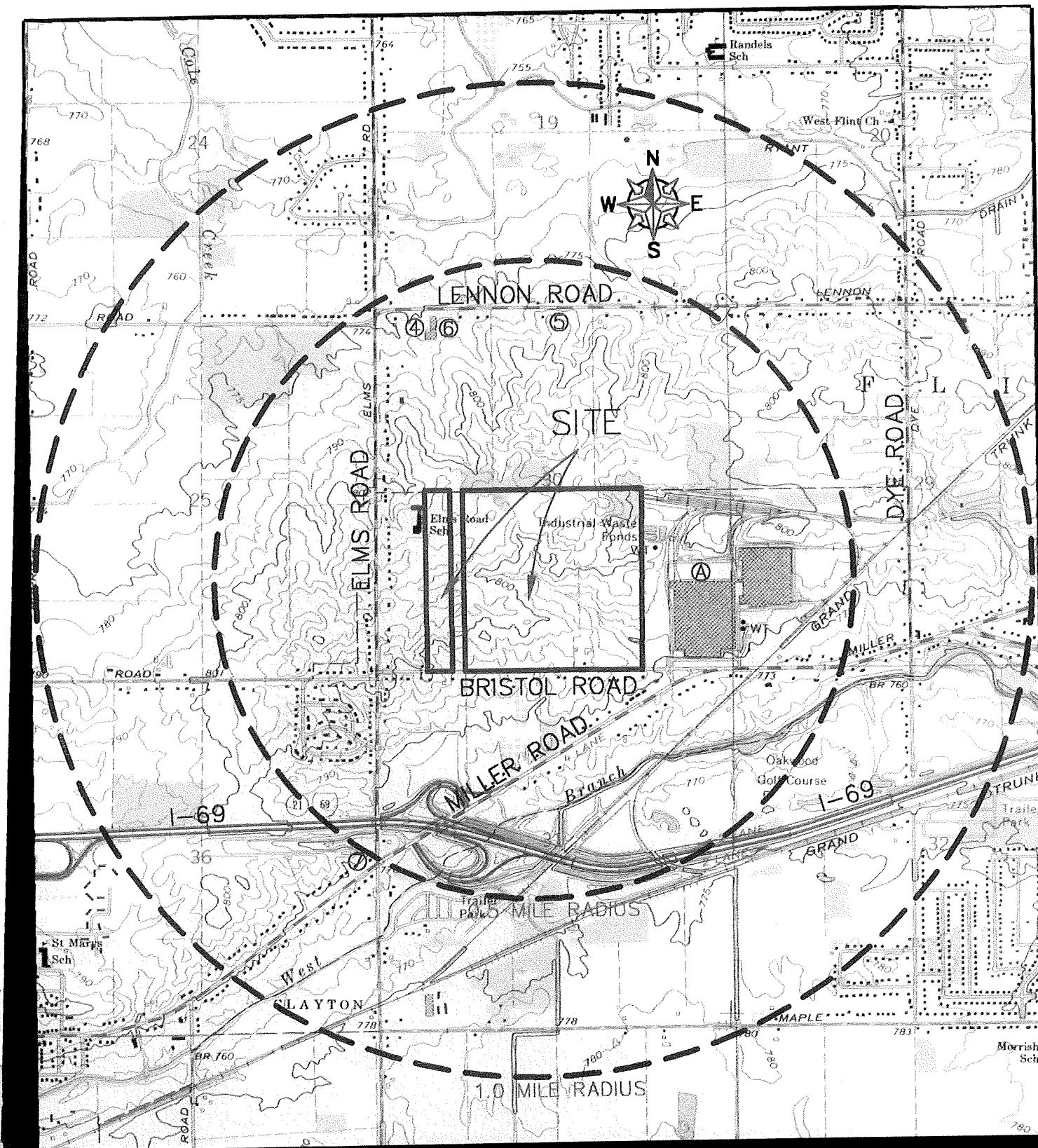


EXHIBIT "A"
LOCATION MAP

SCALE 1" = 2000'

FARM PROPERTY
6220 BRISTOL ROAD
SEC. 30, T7N-R6E
CITY OF SWARTZ CREEK
GENESEE COUNTY, MICHIGAN

F·S·E
ENVIRONMENTAL
CONSULTANTS, INC.

SUMMARY OF GOVERNMENTAL RECORDS SEARCH

SITE NAME	A	R	R	R	R	R	R	R	R
SITE ADDRESS	C	C	C	C	C	C	C	C	C
	T	L	U	I	T	L	L	N	R
	3	U	U	I	T	L	L	N	R
	0	S	S	S	S	L	I	P	N
	7	T	T	G	D	S	S	L	S
Site Farm Property, 6220 Bristol Road Sec. 30, T7N-R6E Swartz Creek, Genesee County	.	.	.	.	.	.	.	.	.
A General Motors Corp. 6060 Bristol Road	.	*	*	*	*	.	.	.	.
4 Diverse Plastics Inc. G-6437 Lennon Road	.	.	.	*	.	.	.	.	.
5 Mateikis Residence 6019 Lennon Road	.	.	.	*	.	.	.	.	.
6 Auto Imaging Inc. G-6437 Lennon Road	.	*	*	.	.	.	.	.	.
7 Marathon Unit #1937 7026 Miller Road	.	*	*	.	.	.	.	.	.
8 Genesee Valley Center 3341 Linden Road	*	*	*	*	.	.	.	.	.

• = No Environmental Record

* = Environmental Record

EXHIBIT "B"

**SUMMARY OF
GOVERNMENTAL RECORDS
RESEARCH**

**FARM PROPERTY
6220 BRISTOL ROAD
SEC. 30, T7N-R6E
CITY OF SWARTZ CREEK
GENESEE COUNTY, MICHIGAN**

**F·S·E
ENVIRONMENTAL
CONSULTANTS, INC.**

EXHIBIT "C"

SITE

PHOTOGRAPHS

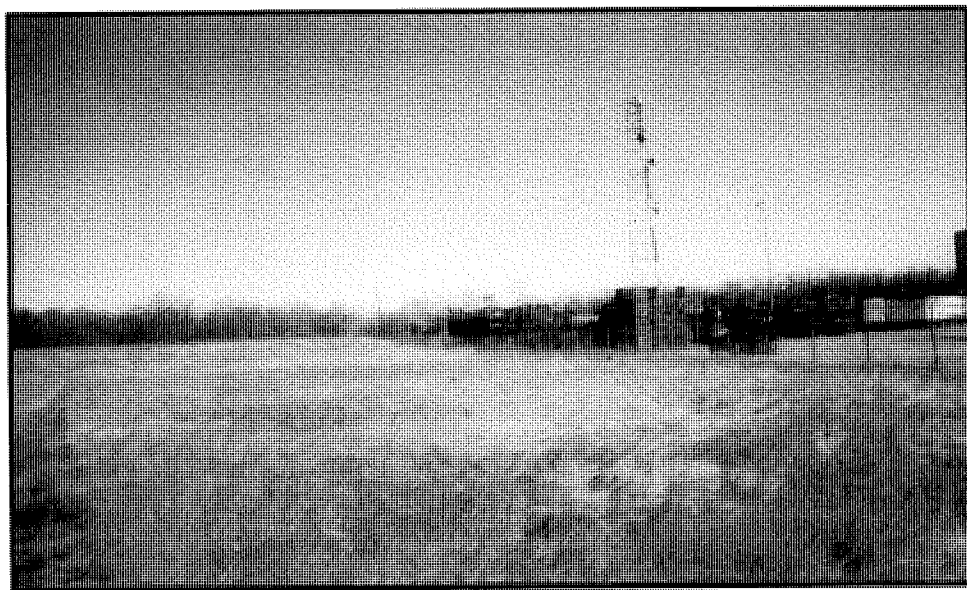


Looking Northeast across the east part of the site from the east side of the site house. the General Motors Warehouse Facility is in the background.



Looking West across the east part of the site from the east line of the site.

Looking Northeast from the east line of the site at the General Motors Warehouse Facility where the industrial waste ponds were previously located.





Looking West along the north line of the site from the Northeast corner of the site.



Looking Southwest across the site from the north line of the site.

Looking South across the site from the north line of the site.





Looking Southeast at the wooded area in the northeast corner of the site from the north line of the site.



Looking East across site from the west line of the site.

Looking North at one of the above ground storage tanks located in the homestead area.



EXHIBIT "D"

TRANSACTION

SCREEN

QUESTIONNAIRE



ENVIRONMENTAL SITE ASSESSMENT TRANSACTION SCREEN QUESTIONNAIRE

This document is an excerpt of E 1528-93: Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E-50 on Environmental Assessment and is the direct responsibility of Subcommittee E 50.02 on Commercial Real Estate Transactions. This questionnaire represents only items 5.1 through 6.1

of E 1528-93 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. COPYRIGHT© 1993 AMERICAN SOCIETY FOR TESTING AND MATERIALS, Philadelphia, PA. PCN: 12-515280-65

5. Introduction to Transaction Screen Questionnaire

5.1 Process—The *transaction screen process* consists of asking questions contained within the *transaction screen questionnaire* of owners and occupants of the property, observing site conditions at the property with direction provided by the *transaction screen questionnaire*, and, to the extent reasonably ascertainable, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of owners when conducting site visits are the same questions as those asked of occupants.

5.2 Guide—The *transaction screen questionnaire* is followed by a guide designed to assist the person completing the *transaction screen questionnaire*. The guide to the *transaction screen questionnaire* is set out in Sections 7 through 10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the user, its employee or agent, or the *environmental professional* in preparing a report, the guide repeats each of the questions set out in the *transaction screen questionnaire* in both the guide for owner/occupant inquiry and the guide to site visit. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedures to be followed to determine if reliance upon the information in a prior *environmental site assessment* is appropriate under this practice.

5.2.3 A user, his employee or agent, or *environmental professional* conducting the *transaction screen process* should not use the *transaction screen questionnaire* without reference to, or familiarity from prior usage with, the guide.

5.3 User and Preparer—The user conducting the *transaction screen process* is the party seeking to perform appropriate inquiry with respect to the property. The user may delegate the preparation of the *transaction screen questionnaire* to an employee or agent of the user or may contract with a third party to prepare the questionnaire on behalf of the user. The person preparing the questionnaire is the preparer, who may be either the user or the person to whom the user has delegated the preparation of the *transaction screen questionnaire*.

5.4 Exercise of Care—The preparer conducting the *transaction screen process* should use good faith efforts in determining answers to the questions set forth in the *transaction screen questionnaire*. The user should take time and care to check whatever records are in the user's possession. The preparer should ask all persons to whom questions are directed to give answers to the best of the respondent's knowledge. As required by Section 9601(35)(B) of CERCLA, the user or preparer should discuss with a responsible person in authority in the user's organization (if any) any specialized knowledge or experience relating to hazardous substances on the property and the preparer should understand such information.

5.5 Knowledge—The owner or occupant of the property to which portions of the *transaction screen questionnaire* are directed should have sufficient knowledge and experience with respect to the property or in the owner's or occupant's particular business to understand the purpose and use of the *transaction screen questionnaire*. All answers should be given to the best of the owner's or occupant's actual knowledge.

5.5.1 While the person conducting the *transaction screen process* has an obligation to ask the questions set forth in the *transaction screen questionnaire*, in many instances the parties to whom the questions are addressed will have no obligation to answer them. The user is only required to obtain information to the extent it is reasonably ascertainable.

5.5.2 If the preparer asks the questions set forth in the *transaction screen questionnaire*, but does not receive any response or receives partial responses, the questions will be deemed to have been answered provided the questions have been asked, or were attempted to be asked, in person or by telephone and written records have been kept of the person to whom the questions were addressed and their

responses, or the questions have been asked in writing sent by certified or registered mail, return receipt requested, postage prepaid, or by private, commercial overnight carrier and no responses have been obtained after at least two follow-up telephone calls were made or written request was sent again asking for responses.

5.5.3 The *transaction screen questionnaire* and the *transaction screen guide* sometimes include the phrase "to the best of your knowledge." Use of this phrase shall not be interpreted as imposing a constructive knowledge standard when it is not included or as imposing anything other than an actual knowledge standard for the person answering the questions, regardless of whether it is used. It is sometimes included as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 Conclusions Regarding Affirmative or Unknown Answers—If any of the questions set forth in the *transaction screen questionnaire* are answered in the affirmative, the user must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the user should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the *transaction screen process*, including, in particular, the site visit and the government records/historical sources inquiry. If the user decides no further inquiry is warranted after receiving no response, an answer of unknown or an affirmative answer, the user must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the user should first refer to the guide. The guide may provide sufficient explanation to allow a user to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a user to conclude that no further inquiry is appropriate, then the user should consider other information obtained from the *transaction screen process* relating to this question. For example, while on the site performing a site visit, a person may find a storage tank on the property and therefore answer Question 10 of the *transaction screen questionnaire* in the affirmative. However, during or subsequent to the owner/occupant inquiry, the owner may produce evidence that substances now or historically contained in the tank (e.g., water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the *transaction screen process* does not permit a user to conclude no further inquiry is appropriate with respect to such question, then the user must determine, in the exercise of the user's reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the *transaction screen process*, whether further inquiry may be limited to those specific issues identified as of concern or should proceed with the full Phase I Environmental Site Assessment.

5.7 Presumption—A presumption exists that further inquiry is necessary if an affirmative answer is given to a question because the answer was unknown or no response was given. In rebutting this presumption, the user should evaluate information obtained from each component of the *transaction screen process* and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The user must determine, in the exercise of the user's reasonable business judgment, the scope of such further inquiry: whether to proceed with a Phase I Environmental Site Assessment prepared in accordance with Practice E 1527 or a lesser inquiry directed at specific issues raised by the questionnaire.

5.8 Further Inquiry Under Practice E 1527—Upon completing the *transaction screen questionnaire*, if the user concludes that a Phase I Environmental Site Assessment is needed, the user should proceed with such inquiry with the advice and guidance of an *environmental professional*. Such further inquiry should be undertaken in accordance with Practice E 1527.

5.9 Signature—The user and the preparer of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to be Questioned*—The following questions should be asked of (1) the current owner of the property, (2) any major occupant of the property or, if the property does not have any major occupants, at least 10% of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing or disposing of hazardous substances or petroleum products on or from the property. A major

occupant is any occupant using at least 40% of the leasable area of the property or any anchor tenant when the property is a shopping center. In a multifamily property containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the site visit column, the preparer should be sure to observe the property and any buildings and other structures on the property. The guide provides further details on the appropriate use of this questionnaire.

Description of Site: Address:

Farm Property
6220 Bristol Road
Swartz Creek, MI 48473

Question	Owner			Occupants (if applicable)			Observed During Site Visit		
1. Is the property or any adjoining property used for an industrial use?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk ¹	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk
4. To the best of your knowledge, has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Unk
5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Unk
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Unk
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk
8. Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk
9. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk
10. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the property?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk
11. Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk
12. Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unk	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unk

¹ Unk = "unknown" or "no response"

This document is an excerpt of E 1528-93, Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E-50 on Environmental Assessment and is the direct responsibility of Subcommittee E 50.02 on Commercial Real Estate Transactions. This questionnaire represents only items 5.1 through 6.1 of E 1528-93 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire.

Question	Owner			Occupants (if applicable)			Observed During Site Visit		
13. If the <i>property</i> is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
14. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of <i>environmental liens</i> or governmental notification relating to past or recurrent violations of environmental laws with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
15. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past or current existence of <i>hazardous substances</i> or <i>petroleum products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
16. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of any <i>environmental site assessment</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
17. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> by any <i>owner</i> or <i>occupant</i> of the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
18. Does the <i>property</i> discharge <i>wastewater</i> on or adjacent to the <i>property</i> other than storm water into a sanitary sewer system?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
19. To the best of your knowledge, have any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned, on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk

Government Records/Historical Sources Inquiry
(See guide, Section 10 of ASTM E 1528-93)

21. Do any of the following Federal government record systems list the *property* or any *property* within the circumference of the area noted below:

National Priorities List (NPL)—within 1.0 mile (1.6 km)?

Yes

No

CERCLIS List—within 0.5 mile (0.8 km)?

Yes

No

RCRA TSD Facilities—within 1.0 mile (1.6 km)?

Yes

No

22. Do any of the following state record systems list the *property* or any *property* within the circumference of the area noted below:

List maintained by state environmental agency of *hazardous waste* sites identified for investigation or remediation that is the state agency equivalent to *NPL*—within approximately 1.0 mile (1.6 km)?

Yes

No

List maintained by state environmental agency of sites identified for investigation or remediation that is the state equivalent to *CERCLIS* within 0.5 mile (0.8 km)?

Yes

No

Leaking Underground Storage Tank (LUST) List—within 0.5 mile (0.8 km)?

Yes

No

Solid Waste/Landfill Facilities—within 0.5 mile (0.8 km)?

Yes

No

23. Based upon a review of *fire insurance maps* or consultation with the local fire department serving the *property*, all as specified in the guide, are any buildings or other improvements on the *property* or on an *adjoining property* identified as having been used for an industrial use or uses likely to lead to contamination of the *property*?

Yes

No

N/A

The preparer of the transaction screen questionnaire must complete and sign the following statement.
(For definition of preparer and user, see 5.3 or 3.3.25 of ASTM E 1528-93.)

This questionnaire was completed by:

Name William J. Archer
Title Environmental Manager
Firm FSE Environmental Consultants, Inc.
Address 5370 Miller Road, Suite 13
Swartz Creek, Michigan 48473
Phone number 810-230-9150
Date April 12, 1999

If the preparer is different than the user, complete the following:

Name of user _____
User's address _____
User's phone number _____
Preparer's relationship to site _____
Preparer's relationship to user _____
(for example, principal, employee, agent, consultant)

Copies of the completed questionnaire have
been filed at:

Woodside Builders

Copies of the completed questionnaire have
been mailed or delivered to:

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge, no material facts have been suppressed or misstated.

Signature William J. Archer Date 4-14-99
Signature _____ Date _____
Signature _____ Date _____

This document is an excerpt of E 1528-93: Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E-50 on Environmental Assessment and is the direct responsibility of Subcommittee E 50.02 on Commercial Real Estate Transactions. This questionnaire represents only items 5.1 through 6.1 of E 1528-93 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire.



EXHIBIT "E"

INTERVIEW

DOCUMENTATION

F·S·E ENVIRONMENTAL CONSULTANTS, INC.

ENVIRONMENTAL ASSESSMENT INTERVIEW RECORD

PROJECT NUMBER: 19864 **DATE:** April 12, 1999
PROJECT NAME: Farm Property
PROJECT ADDRESS: 6220 Bristol Road
CITY: Swartz Creek, Section 30, T7N-R6E
COUNTY: Genesee County
INTERVIEW BY: Bill Archer
INTERVIEW WITH: Khalil Nemer
FIRM: Woodside Builders
TELEPHONE NO.: 810-635-2227

COMMENTS: On April 12, 1999, Bill Archer interviewed Kal Nemer about the Site for purposes of completing the Transaction Screen Questionnaire. Mr. Nemer stated that Woodside Builders is the owner of the Site. Mr. Nemer stated that he did not know of any environmental contamination on the Site or adjoining properties. Mr. Nemer did know about the General Motors warehouse facility located east of the Site, but he didn't know anything about the industrial waste ponds or other possible contamination at that location. The only usage of the Site that Mr. Nemer knew of was as a farm. Mr. Nemer answered the questions on the Transaction Screen Questionnaire for Mr. Archer.

F·S·E ENVIRONMENTAL CONSULTANTS, INC.

ENVIRONMENTAL ASSESSMENT INTERVIEW RECORD

PROJECT NUMBER: 19864 **DATE:** April 12, 1999
PROJECT NAME: Farm Property
PROJECT ADDRESS: 6220 Bristol Road
CITY: Swartz Creek, Section 30, T7N-R6E
COUNTY: Genesee County
INTERVIEW BY: Bill Archer
INTERVIEW WITH: Tom O'Brien
FIRM: City of Swartz Creek
TELEPHONE NO.: 810-635-4464

COMMENTS: On April 12, 1999, Bill Archer interviewed Tom O'Brien, City Manager for the City of Swartz Creek, for information about the Site and about environmental contamination sites on or near the Site. Mr. O'Brien verified the historical usage of the Site as a farm. He stated that the only possible environmental contamination he knew of near the Site are the old waste pits located along the west line of the General Motors warehouse facility which is also the east line of the Site. He stated that he had been told that there was no problem with contamination there. He said that used to be a low area but that it has been filled in now.

F·S·E ENVIRONMENTAL CONSULTANTS, INC.

ENVIRONMENTAL ASSESSMENT INTERVIEW RECORD

PROJECT NUMBER: 19864 **DATE:** April 13, 1999
PROJECT NAME: Farm Property
PROJECT ADDRESS: 6220 Bristol Road
CITY: Swartz Creek, Section 30, T7N-R6E
COUNTY: Genesee County
INTERVIEW BY: Bill Archer
INTERVIEW WITH: John Pettit
FIRM: Genesee County Health Department
TELEPHONE NO.: 810-257-3129

COMMENTS: John Pettit is a sanitarian for the Genesee County Health Department. In the past, Mr. Pettit monitored and maintained records for environmental contamination sites in Genesee County. This is no longer done and the county refers all environmental inquiries to the Michigan Department of Environmental Quality and refers to the Act 307 and LUST lists discussed earlier in this report.

On April 13, 1999, our personnel interviewed Mr. Pettit for any information that he had about the industrial waste ponds on the General Motors Corporation warehouse property. Mr. Pettit stated that he knew they were shown on the U.S.G.S. topographic maps but that he didn't know what they were used for. He thought they might have been used for surface water discharge. He referred our personnel to Steve Blayer and Molly Lamreaux at MDEQ.

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ENVIRONMENTAL ASSESSMENT INTERVIEW RECORD

PROJECT NUMBER: 19864 **DATE:** April 13, 1999
PROJECT NAME: Farm Property
PROJECT ADDRESS: 6220 Bristol Road
CITY: Swartz Creek, Section 30, T7N-R6E
COUNTY: Genesee County
INTERVIEW BY: Bill Archer
INTERVIEW WITH: Steve Blayer
FIRM: MDEQ
TELEPHONE NO.: 517-625-4630

COMMENTS: On April 13, 1999, our personnel telephoned Steve Blayer at MDEQ at the recommendation of John Pettit. Mr. Blayer was not familiar with the General Motors warehouse property and did not know who to refer us to.

We also attempted to reach Molly Lamreaux at MDEQ. Ms. Lamreaux was not in the office this week.

F·S·E ENVIRONMENTAL CONSULTANTS, INC.

ENVIRONMENTAL ASSESSMENT INTERVIEW RECORD

PROJECT NUMBER: 19864 **DATE:** April 14, 1999
PROJECT NAME: Farm Property
PROJECT ADDRESS: 6220 Bristol Road
CITY: Swartz Creek, Section 30, T7N-R6E
COUNTY: Genesee County
INTERVIEW BY: Bill Archer
INTERVIEW WITH: Molly Lamreaux
FIRM: MDEQ
TELEPHONE NO.: 517-625-4609

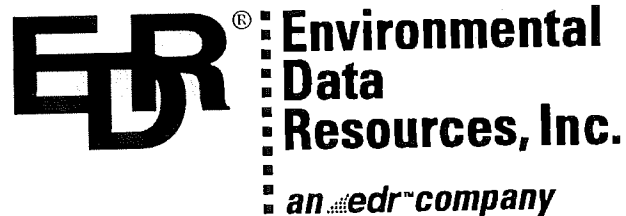
COMMENTS: Molly Lamreaux returned our telephone call of April 13, 1999. Ms. Lamreaux did not have any information about the industrial waste ponds on the General Motors Corporation warehouse property located adjacent to the Site.

EXHIBIT "F"

EDR

GEOCHECK

REPORT



The EDR-Radius Map with GeoCheck[®]

**Vacant Parcel
Bristol Road
Swartz Creek, MI 48473**

Inquiry Number: 354585.1s

April 01, 1999

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Topographic Map.....	2
GeoCheck Summary.....	3
Overview Map.....	5
Detail Map.....	6
Map Summary - All Sites.....	7
Map Summary - Sites with higher or the same elevation as the Target Property.....	8
Map Findings.....	9
Orphan Summary.....	16
 <u>APPENDICES</u>	
GeoCheck Version 2.1.....	A1
EPA Waste Codes.....	A12
Government Records Searched / Data Currency Tracking Addendum.....	A13

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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

BRISTOL ROAD
SWARTZ CREEK, MI 48473

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:	National Priority List
Delisted NPL:	NPL Deletions
CERCLIS:	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP:	Comprehensive Environmental Response, Compensation, and Liability Information System
SWF/LF:	Solid Waste Facilities Database
AST:	Aboveground Tanks
RAATS:	RCRA Administrative Action Tracking System
HMIRS:	Hazardous Materials Information Reporting System
PADS:	PCB Activity Database System
ERNS:	Emergency Response Notification System
NPL Lien:	NPL Liens
TSCA:	Toxic Substances Control Act
MLTS:	Material Licensing Tracking System
ROD:	ROD
CONSENT:	Superfund (CERCLA) Consent Decrees
Coal Gas:	Former Manufactured gas (Coal Gas) Sites.

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

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was not listed in any of the databases searched by EDR.

EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). 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.

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 01/04/1999 has revealed that there is 1 RCRIS-TSD site within approximately 1 mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GMC WHS & DIST DIV FLINT</i>	<i>6060 W BRISTOL RD</i>	<i>1/4 - 1/2 SE</i>	<i>A3</i>	<i>10</i>

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, has revealed that there is 1 SHWS site within approximately 1.5 miles of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GENESEE VALLEY CTR</i>	<i>3341 LINDEN RD</i>	<i>1 - 2 E</i>	<i>8</i>	<i>14</i>

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/01/1998 has revealed that there is 1 CORRACTS site within approximately 1.5 miles of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GMC WHS & DIST DIV FLINT</i>	<i>6060 W BRISTOL RD</i>	<i>1/4 - 1/2 SE</i>	<i>A3</i>	<i>10</i>

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 11/01/1998 has revealed that there are 3 LUST sites within approximately 1 mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AUTO IMAGING INC</i>	<i>G-6437 LENNON</i>	<i>1/2 - 1 NNW</i>	<i>6</i>	<i>12</i>

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GENERAL MOTORS CORP	6060 W BRISTOL	1/4 - 1/2 SE	A2	9
MARATHON UNIT #1937	7026 MILLER / S ELMS	1/2 - 1 SSW	7	12

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, and dated 02/01/1998 has revealed that there is 1 UST site within approximately 0.75 miles of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GENERAL MOTORS CORP	6060 W BRISTOL	1/4 - 1/2 SE	A2	9

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 01/04/1999 has revealed that there are 2 RCRIS-SQG sites within approximately 0.75 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DIVERSE PLASTICS INC	G6437 LENNON RD	1/2 - 1 NNW	4	11
MATEIKIS RESIDENCE BLANCH BEKK	6019 LENNON RD	1/2 - 1 N	5	11

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 01/04/1999 has revealed that there is 1 RCRIS-LQG site within approximately 0.75 miles of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GMC WHS & DIST DIV FLINT	6060 W BRISTOL RD	1/4 - 1/2 SE	A3	10

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/08/1999 has revealed that there is 1 FINDS site within approximately 0.5 miles of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GENERAL MOTORS CORP	6060 W BRISTOL RD	1/4 - 1/2 SE	A1	9

EXECUTIVE SUMMARY

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/1995 has revealed that there is 1 TRIS site within approximately 0.5 miles of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GMC WHS & DIST DIV FLINT	6060 W BRISTOL RD	1/4 - 1/2SE	A3	10

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

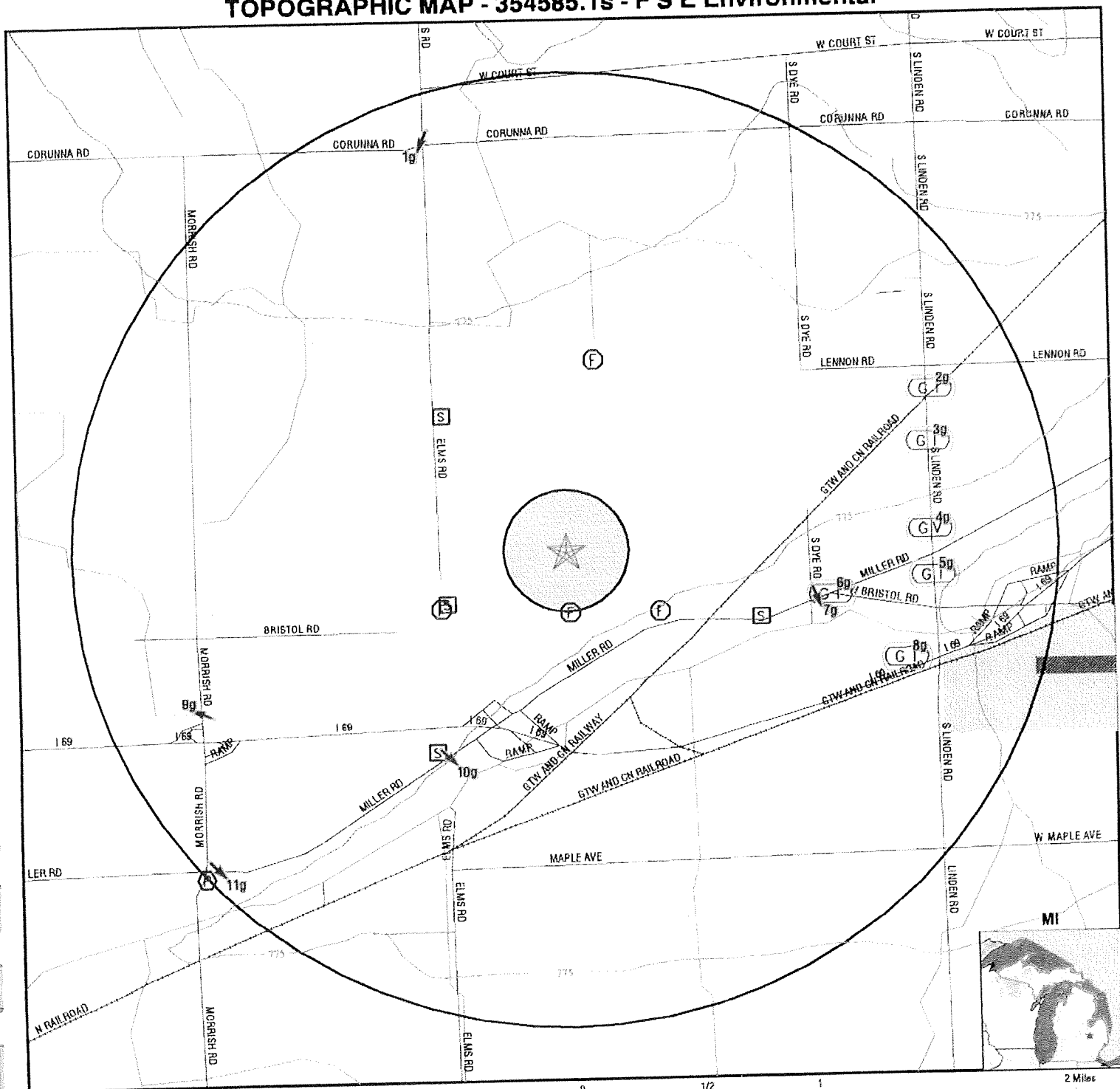
Site Name

SOUTHERN END OF HOLIDAY DRIVE
CITY OF SWARTZ CREEK

Database(s)

SHWS
UST

TOPOGRAPHIC MAP - 354585.1s - F S E Environmental



- Major Roads
- Contour Lines
- Waterways
- Airports
- Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well

- Closest Hydrogeological Data
- Oil, gas or related wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

TARGET PROPERTY: Vacant Parcel
 ADDRESS: Bristol Road
 CITY/STATE/ZIP: Swartz Creek MI 48473
 LAT/LONG: 42.9766 / 83.8014

CUSTOMER: F S E Environmental
 CONTACT: Mr. Bill Archer
 INQUIRY #: 354585.1s
 DATE: April 01, 1999 7:37 pm

GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North): 42° 58' 35.6"
Longitude (West): 83° 48' 4.9"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 271566.0
UTM Y (Meters): 4761805.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2442083-H7 SWARTZ CREEK, MI

GEOLOGIC AGE IDENTIFICATION†

Geologic Code: PP1
Era: Paleozoic
System: Pennsylvanian
Series: Atokan and Morrowan Series

ROCK STRATIGRAPHIC UNIT‡

Category: Stratified Sequence

GROUNDWATER FLOW 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, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡

AQUIFLOW™ Search Radius: 2.000 Miles

MAP ID	DISTANCE FROM TP	DIRECTION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1g	1 - 2 Miles	NNW	SSW
2g	1 - 2 Miles	ENE	Not Reported
4g	1 - 2 Miles	East	Varies
6g	1 - 2 Miles	East	Not Reported
7g	1 - 2 Miles	ESE	SSE
9g	1 - 2 Miles	WSW	WNW
10g	1/2 - 1 Mile	SSW	SE
11g	1 - 2 Miles	SW	SE

For additional site information, refer to GeoCheck Appendix.

General Topographic Gradient at Target Property: General SSE

General Hydrogeologic Gradient at Target Property: The hydrogeologic gradient for this report has been determined using the depth to water table information provided below. Where available, the closest well in each quadrant has been identified (up to a radius of 5 miles around the target property) and used in the gradient calculation. While an attempt has been made to segregate shallow from deep aquifers, this cannot always be assured. Groundwater flow in the aquifer associated with the wells appears generally to be to the ESE.

GEOCHECK VERSION 2.1 SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius:

2.0 miles

Status:

Not found

FEDERAL DATABASE WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP	LITHOLOGY	DEPTH TO WATER TABLE
Northern	1/2 - 1 Mile	Not Reported	30 ft.
Eastern	1/4 - 1/2 Mile	Not Reported	17 ft.
Southern	1/4 - 1/2 Mile	Not Reported	55 ft.
Western	1/2 - 1 Mile	Not Reported	25 ft.

STATE WATER WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP	DEPTH FEET
Northern	1/2 - 1 Mile	180.0
Eastern	1/2 - 1 Mile	90.0
Southern	1/2 - 1 Mile	230.0
Western	1/2 - 1 Mile	170.0

STATE OIL/GAS WELL INFORMATION

PERMIT #	DISTANCE FROM TP
NO WELLS FOUND	

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

NOTE: PWS System location is not always the same as well location.

PWS Name:

QUICK SAVE FOOD STORE
7511 S LINDEN RD
SWARTZ CREEK, MI 48473

Location Relative to TP:

>2 Miles West

PWS currently has or has had major violation(s): No

AREA RADON INFORMATION

EPA Radon Zone for GENESEE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

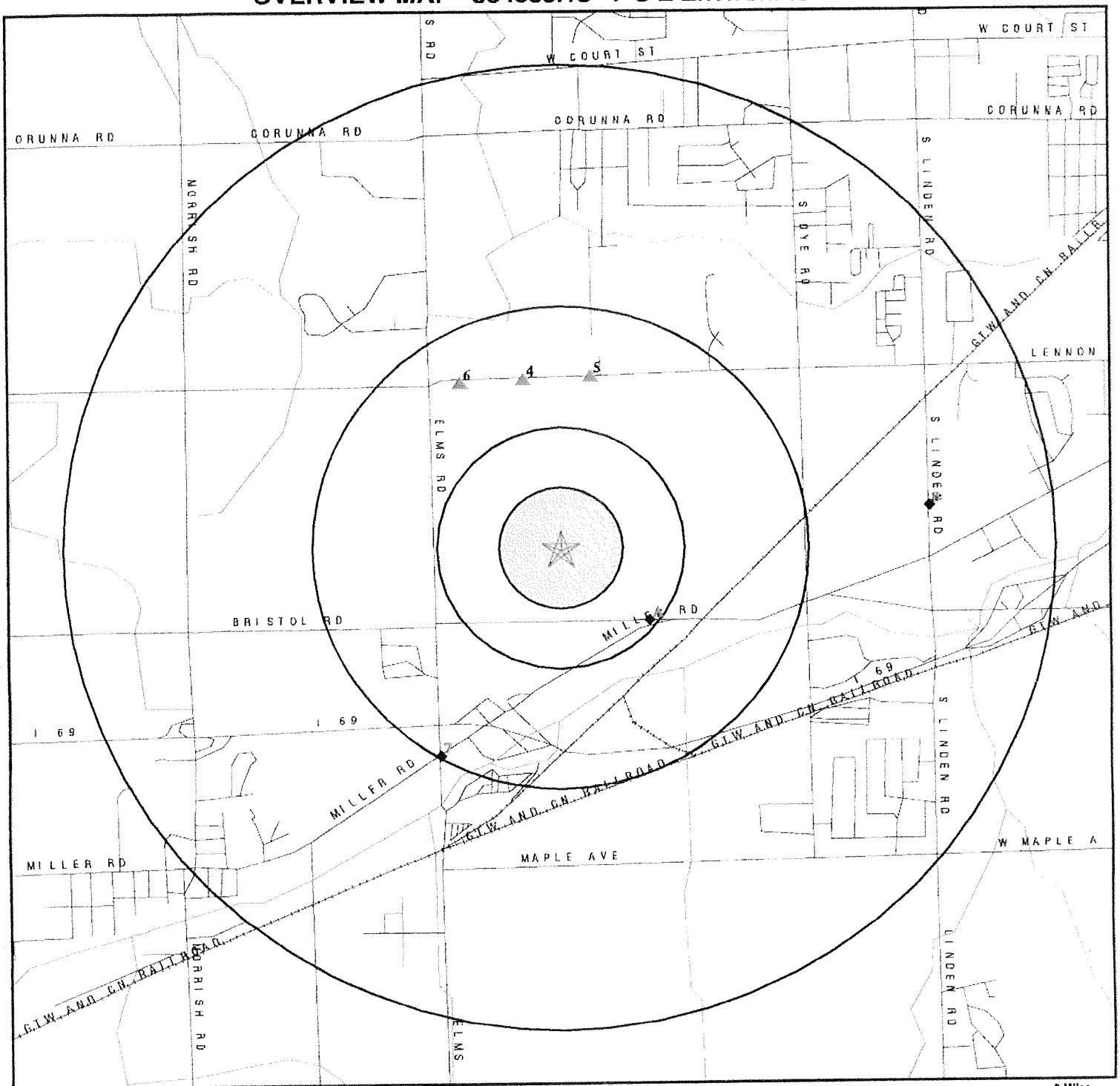
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 48473

Number of sites tested: 2

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	1.550 pCi/L	100%	0%	0%

OVERVIEW MAP - 354585.1s - F S E Environmental



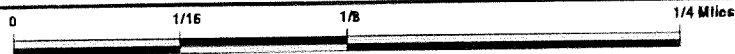
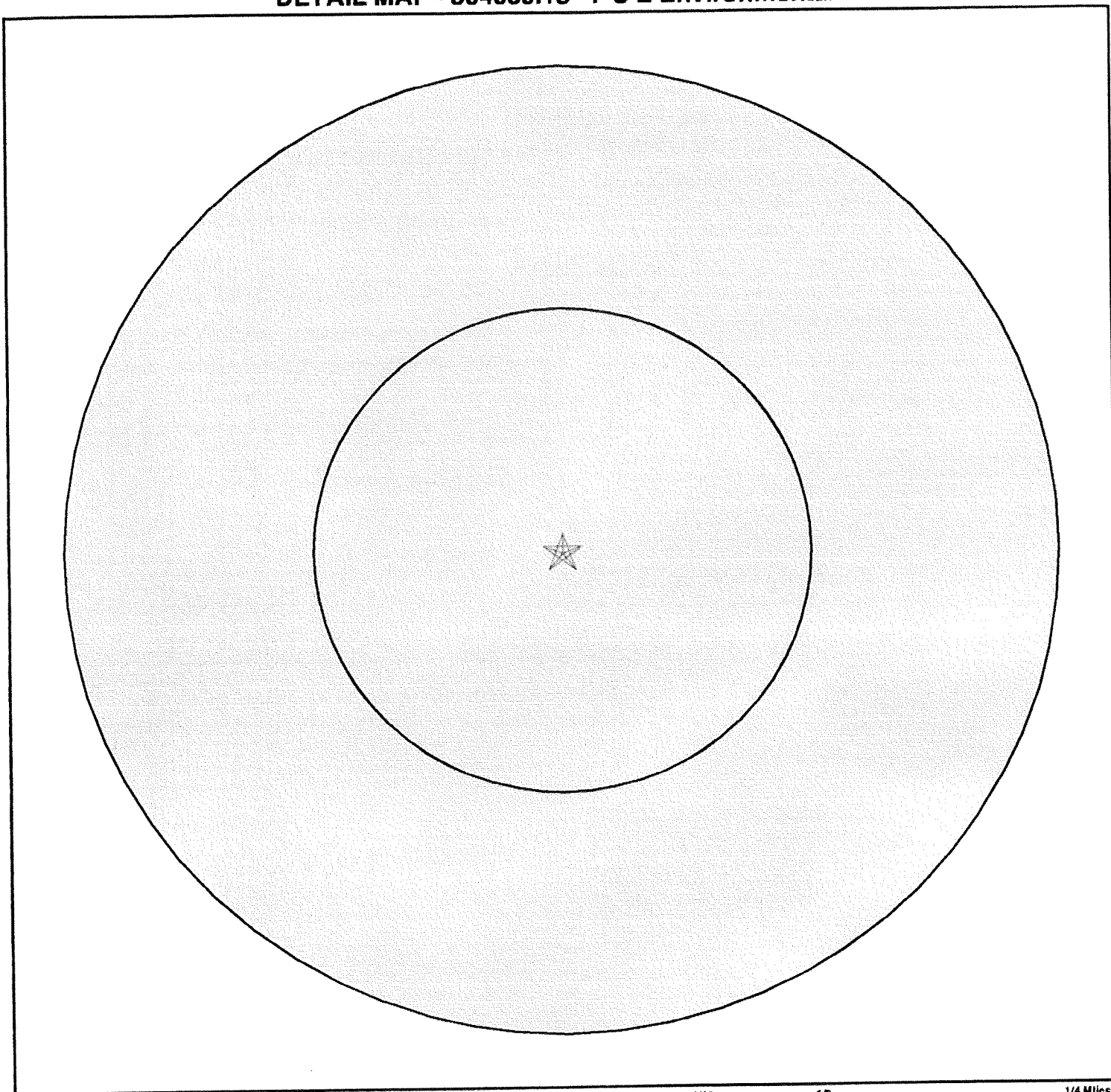
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▩ Landfill Sites

~ Power transmission lines
~ Oil & Gas pipelines

TARGET PROPERTY: Vacant Parcel
ADDRESS: Bristol Road
CITY/STATE/ZIP: Swartz Creek MI 48473
LAT/LONG: 42.9766 / 83.8014

CUSTOMER: F S E Environmental
CONTACT: Mr. Bill Archer
INQUIRY #: 354585.1s
DATE: April 01, 1999 7:35 pm

DETAIL MAP - 354585.1s - F S E Environmental



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines

TARGET PROPERTY: Vacant Parcel
 ADDRESS: Bristol Road
 CITY/STATE/ZIP: Swartz Creek MI 48473
 LAT/LONG: 42.9766 / 83.8014

CUSTOMER: F S E Environmental
 CONTACT: Mr. Bill Archer
 INQUIRY #: 354585.1s
 DATE: April 01, 1999 7:36 pm

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.500	0	0	0	0	0	0
Delisted NPL		0.500	0	0	0	NR	NR	0
RCRIS-TSD		1.000	0	0	1	0	NR	1
State Haz. Waste		1.500	0	0	0	0	1	1
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.500	0	0	1	0	0	1
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	1	2	NR	3
UST		0.750	0	0	1	1	NR	2
AST		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
RCRIS Sm. Quan. Gen.		0.750	0	0	0	2	NR	2
RCRIS Lg. Quan. Gen.		0.750	0	0	1	0	NR	1
HMIRS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
ERNS		0.500	0	0	0	NR	NR	0
FINDS		0.500	0	0	1	NR	NR	1
TRIS		0.500	0	0	1	NR	NR	1
NPL Liens		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
ROD		1.500	0	0	0	0	0	0
CONSENT		1.500	0	0	0	0	0	0
Coal Gas		1.500	0	0	0	0	0	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.500	0	0	0	0	0	0
Delisted NPL		0.500	0	0	0	NR	NR	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
State Haz. Waste		1.500	0	0	0	0	0	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	1	NR	1
UST		0.750	0	0	0	1	NR	1
AST		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
RCRIS Sm. Quan. Gen.		0.750	0	0	0	2	NR	2
RCRIS Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
ERNS		0.500	0	0	0	NR	NR	0
FINDS		0.500	0	0	0	NR	NR	0
TRIS		0.500	0	0	0	NR	NR	0
NPL Liens		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
ROD		1.500	0	0	0	0	0	0
CONSENT		1.500	0	0	0	0	0	0
Coal Gas		1.500	0	0	0	0	0	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1
SE
1/4-1/2
2451
Lower

GENERAL MOTORS CORP
6060 W BRISTOL RD
SWARTZ CREEK, MI 48554

FINDS

1001331044
MI0034396

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Permit Compliance System (PCS)

A2
SE
1/4-1/2
2463
Lower

GENERAL MOTORS CORP
6060 W BRISTOL
FLINT, MI 48554

LUST
UST

1000213216
N/A

LUST:

Facility ID: 0-001461
Status: OPEN

UST:

Facility ID: 0-001461
Owner: GENERAL MOTORS CORP
6060 W BRISTOL RD
FLINT, MI 48554

Product: PAINT4
Tank Age: 39
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: WAYNE K. DAWSON

Facility ID: 0-001461
Owner: GENERAL MOTORS CORP
6060 W BRISTOL RD
FLINT, MI 48554

Product: Kerosene
Tank Age: 39
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: WAYNE K. DAWSON

Facility ID: 0-001461
Owner: GENERAL MOTORS CORP
6060 W BRISTOL RD
FLINT, MI 48554

Product: Kerosene
Tank Age: 39
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: WAYNE K. DAWSON

Tank ID: 1

Capacity: 8,000
Tank Material: Bare Steel
Piping Material: Bare Steel
Pipe Rel Detect: Not reported
Contact Phone: (313) 635-5749

Tank ID: 2

Capacity: 8,000
Tank Material: Bare Steel
Piping Material: Bare Steel
Pipe Rel Detect: Not reported
Contact Phone: (313) 635-5749

Tank ID: 3

Capacity: 250
Tank Material: Bare Steel
Piping Material: Bare Steel
Pipe Rel Detect: Not reported
Contact Phone: (313) 635-5749

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

1000213216

GENERAL MOTORS CORP (Continued)

Facility ID: 0-001461
Owner: GENERAL MOTORS CORP
6060 W BRISTOL RD
FLINT, MI 48554

Product: PAINT
Tank Age: 39
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: WAYNE K. DAWSON

Tank ID: 4

Capacity: 250
Tank Material: Bare Steel
Piping Material: Bare Steel
Pipe Rel Detect: Not reported
Contact Phone: (313) 635-5749

Facility ID: 0-001461
Owner: GENERAL MOTORS CORP
6060 W BRISTOL RD
FLINT, MI 48554

Product: Gasoline
Tank Age: 39
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: WAYNE K. DAWSON

Tank ID: 5

Capacity: 1,000
Tank Material: Bare Steel
Piping Material: Bare Steel
Pipe Rel Detect: Not reported
Contact Phone: (313) 635-5749

A3
SE
1/4-1/2
2463
Lower

GMC WHS & DIST DIV FLINT
6060 W BRISTOL RD
SWARTZ CREEK, MI 48473

RCRIS-LQG 1000136472
TRIS MID003906773
RCRIS-TSD
CORRACTS

CORRACTS Data:

Prioritization: Medium
Status: Not reported

RCRIS:

Owner: GMC WHSG & DISTRIB DIV FLINT
(313) 635-5474

Contact: WAYNE DAWSON
(313) 635-5474

Record Date: 07/28/1995

Classification: Large Quantity Generator, TSDF

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)
D001	11999.45
D003	620.00
D008	175482.40
D018	4660.00
U080	620.00

Waste	Quantity (Lbs)
D002	4660.00
D007	5000.00
D009	5070.00
P098	4660.00
U226	4660.00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GMC WHS & DIST DIV FLINT (Continued)

1000136472

Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: Violation information exist

There are 13 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Other Evaluation	TSD-Other Requirements	08/14/1995
	Generator-Land Ban Requirements	08/14/1995
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	08/14/1995
	Generator-Land Ban Requirements	08/14/1995
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/21/1992
	Generator-Land Ban Requirements	02/21/1992
	TSD-Land Ban Requirements	02/21/1992
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	11/03/1989
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/24/1988
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/30/1987
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/16/1987
Compliance Evaluation Inspection (CEI)	TSD-Groundwater Monitoring Requirements	01/13/1986
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/12/1985
Compliance Evaluation Inspection (CEI)	TSD-Closure/Post Closure Requirements	09/06/1984
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/06/1984

4
NNW
1/2-1
3780
Higher

DIVERSE PLASTICS INC
G6437 LENNON RD
SWARTZ CREEK, MI 48473

RCRIS-SQG 1000218022
MID985569904

RCRIS:
Owner: BARANSKI IRVING J
(312) 555-1212
Contact: ROBERT ZEFFERO
(313) 635-8475
Record Date: 08/17/1989
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

5
North
1/2-1
3824
Higher

MATEIKIS RESIDENCE BLANCH BEKKERING
6019 LENNON RD
SWARTZ CREEK, MI 48473

RCRIS-SQG 1000203020
MID985579663

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MATEIKIS RESIDENCE BLANCH BEKKERING (Continued)

1000203020

RCRIS:

Owner: MATEIKIS BILL AND DANA
Contact: JOSEPH SNELL
(313) 767-5100
Record Date: 05/15/1990
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

6
NNW
1/2-1
4202
Higher

AUTO IMAGING INC
G-6437 LENNON
SWARTZ CREEK, MI 48473

UST
LUST

U002301227
N/A

LUST:

Facility ID: 0-036755
Status: OPEN

UST:

Facility ID: 0-036755
Owner: AUTO IMAGING INC
G-6437 LENNON
SWARTZ CREEK, MI 48473
Product: Gasoline
Tank Age: 24
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: ROBERT ZEFFERO

Tank ID: 1

Capacity: Unknown
Tank Material: Unknown
Piping Material: Unknown
Pipe Rel Detect: Not reported
Contact Phone: (810) 635-3936

Facility ID: 0-036755
Owner: AUTO IMAGING INC
G-6437 LENNON
SWARTZ CREEK, MI 48473
Product: Diesel
Tank Age: 24
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Not reported
Contact: ROBERT ZEFFERO

Tank ID: 2

Capacity: Unknown
Tank Material: Unknown
Piping Material: Unknown
Pipe Rel Detect: Not reported
Contact Phone: (810) 635-3936

7
SSW
1/2-1
5224
Lower

MARATHON UNIT #1937
7026 MILLER / S ELMS
SWARTZ CREEK, MI 48473

UST
LUST

U003211584
N/A

LUST:

Facility ID: 0-018150
Status: OPEN

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U003211584

MARATHON UNIT #1937 (Continued)

UST:

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840

Product: Gasoline
Tank Age: 29
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Tightness Testing
Contact: C.W. OSTING

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840

Product: Gasoline
Tank Age: 29
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Tightness Testing
Contact: C.W. OSTING

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840

Product: Gasoline
Tank Age: 29
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Tightness Testing
Contact: C.W. OSTING

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840

Product: Used Oil
Tank Age: 29
Tank Status: Remv
Piping Type: Not reported
Tank Rel Detect: Manual Gauging
Contact: C.W. OSTING

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840

Product: Gasoline
Tank Age: 6
Tank Status: Curr
Piping Type: Pressure
Tank Rel Detect: Inventory Control
Contact: C.W. OSTING

Tank ID: A

Capacity: 10,000
Tank Material: Bare Steel
Piping Material: Galvanized Steel

Pipe Rel Detect: Line Tightness
Contact Phone: (313) 351-7700

Tank ID: B

Capacity: 10,000
Tank Material: Bare Steel
Piping Material: Galvanized Steel

Pipe Rel Detect: Line Tightness
Contact Phone: (313) 351-7700

Tank ID: C

Capacity: 10,000
Tank Material: Bare Steel
Piping Material: Galvanized Steel

Pipe Rel Detect: Leak Detector
Contact Phone: (313) 351-7700

Tank ID: E

Capacity: 550
Tank Material: Bare Steel
Piping Material: Galvanized Steel

Pipe Rel Detect: Line Tightness
Contact Phone: (313) 351-7700

Tank ID: H

Capacity: 12,000
Tank Material: Fiberglass
Piping Material: Fiberglass

Pipe Rel Detect: Leak Detector
Contact Phone: (313) 351-7700

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U003211584

MARATHON UNIT #1937 (Continued)

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840
Product: Gasoline
Tank Age: 6
Tank Status: Curr
Piping Type: Pressure
Tank Rel Detect: Inventory Control
Contact: C.W. OSTING

Tank ID: I
Capacity: 10,000
Tank Material: Fiberglass
Piping Material: Fiberglass
Pipe Rel Detect: Leak Detector
Contact Phone: (313) 351-7700

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840
Product: Gasoline
Tank Age: 6
Tank Status: Curr
Piping Type: Pressure
Tank Rel Detect: Inventory Control
Contact: C.W. OSTING

Tank ID: J
Capacity: 10,000
Tank Material: Fiberglass
Piping Material: Fiberglass
Pipe Rel Detect: Leak Detector
Contact Phone: (313) 351-7700

Facility ID: 0-018150
Owner: MARATHON OIL CO
ATTN ENVIRON & SAFETY L&T
FINDLAY, OH 45840
Product: Used Oil
Tank Age: 6
Tank Status: Curr
Piping Type: Pressure
Tank Rel Detect: Inventory Control
Contact: C.W. OSTING

Tank ID: K
Capacity: 1,000
Tank Material: Fiberglass
Piping Material: Fiberglass
Pipe Rel Detect: Leak Detector
Contact Phone: (313) 351-7700

8
East
> 1
7907
Lower

GENESEE VALLEY CTR
3341 LINDEN RD
FLINT, MI 48507

RCRIS-SQG 1000465002
UST MID985593599
SHWS
LUST

RCRIS:
Owner: HEITMAN PROPERTIES
Contact: DONALD PELLAND
(313) 732-4000
Record Date: 09/27/1990
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1000465002

GENESEE VALLEY CTR (Continued)

SHWS:

Facility ID: 250578
Facility Status: Eval/Interim Resp-PRP/Oth
Source: Auto Repair Services & Garage
Pollutant(s): BTEX
SAM Score: 23
SAM Score Date: Not reported
Township: 07N
Range: 06E
Section: 28
Quarter: B
Quarter/Quarter: C
Change: New Addition to List
Change Date: 08/30/94
County Code: 25

LUST:

Facility ID: 0-007562
Status: OPEN

UST:

Facility ID: 0-007562
Owner: HEITMAN PROPERTIES LTD
180 N LASALLE
CHICAGO, IL 60601

Product: Gasoline
Tank Age: 28
Tank Status: Remv
Piping Type: Suction -- No Valve
Tank Rel Detect: Manual Gauging
Contact: MACE HIRT

Facility ID: 0-007562
Owner: HEITMAN PROPERTIES LTD
180 N LASALLE
CHICAGO, IL 60601

Product: Gasoline
Tank Age: 11
Tank Status: Curr
Piping Type: Suction -- No Valve
Tank Rel Detect: Auto. Gauging
Contact: MACE HIRT

Tank ID:

1

Capacity: 1,000
Tank Material: Bare Steel
Piping Material: Bare Steel

Pipe Rel Detect: Line Tightness
Contact Phone: (810) 732-4006

Tank ID:

2

Capacity: 1,000
Tank Material: Cath. Steel
Piping Material: Fiberglass

Pipe Rel Detect: Not reported
Contact Phone: (810) 732-4006

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
FLINT TWP. SWARTZ CREEK	S103095267 U000714941	SOUTHERN END OF HOLIDAY DRIVE CITY OF SWARTZ CREEK	SOUTHERN END OF HOLIDAY DRIVE 250 FT NORTH OF MILLER RD	48507 48473	SHWS UST	250603 0-035230

GEOCHECK VERSION 2.1

GROUNDWATER FLOW INFORMATION

Map ID
Direction
Distance
Elevation

Site

The following regulatory files were reviewed by a member of EDR's professional field research team in an effort to identify groundwater flow direction and depth information. However, this information was not evident in the reports. This may be for a number of reasons, such as groundwater monitoring wells not being part of the field work or groundwater not having been encountered during drilling. This information is provided to save you time and money in the conduct of your hydrogeological research.

Map ID

Date

Type Of Report

3g
5g
8g

03/03/1994
Not Reported
01/26/1993

Report Lust
Not Reported
Correspondence

GEOCHECK VERSION 2.1

FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Northern Quadrant)

BASIC WELL DATA

Site ID:	425917083475601	Distance from TP:	1/2 - 1 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1971	County:	Genesee
Altitude:	790.00 ft.	State:	Michigan
Well Depth:	47.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	30.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Not Reported
Further Description:	Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1

FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Eastern Quadrant)

BASIC WELL DATA

Site ID:	425822083473801	Distance from TP:	1/4 - 1/2 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1947	County:	Genesee
Altitude:	770.00 ft.	State:	Michigan
Well Depth:	201.50 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	16.50 ft.	Prim. Use of Site:	Not Reported
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1

FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Southern Quadrant)

BASIC WELL DATA

Site ID:	425822083480401	Distance from TP:	1/4 - 1/2 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1966	County:	Genesee
Altitude:	785.00 ft.	State:	Michigan
Well Depth:	200.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	55.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Not Reported
Further Description:	Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1

FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Western Quadrant)

BASIC WELL DATA

Site ID:	425823083484101	Distance from TP:	1/2 - 1 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1967	County:	Genesee
Altitude:	800.00 ft.	State:	Michigan
Well Depth:	183.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	25.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Not Reported
Further Description:	Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Water Well Information:

Well Within 1/2 - 1 Mile of Target Property (Northern Quadrant)

Well ID: 25077630003	County:	GENESEE
Owner: Not Reported		
Address: Not Reported		
Well Address: 3073 ELMS ROAD		
Well Address is Owner's: Not Reported		
Township Number: 2507	Section Number:	30
Tier Number: 07	Range Number:	06
North/South Delineation: North	East/West Delineation:	East
10 Acre Fraction: NE	40 Acre Fraction:	NE
180 Acre Fraction: NE	Coordinate System:	State Plane
X Coordinate: 2139724.00	Y Coordinate:	541546.00
Coordinates Method: Manual	Location Verif. Method:	Office
Ground Elev. (feet): 781.00	Elevation Method:	Not Reported
Well Depth (feet): 180.0	Tax Parcel Number:	Not Reported
Date Drilled: 09/13/83	Well was new when drilled:	Not Reported
Drilling Method: Rotary	Wellhead Completion Type:	Pitless Adapter
Is this well dry: No	Use:	Domestic Use
Casing Type: Not Reported	Casing Method:	Not Reported
Casing Diam. (inches): 5.00	Depth of Casing (feet):	102.0
2nd Casing Diameter: 0.00	Depth of 2nd Casing:	0.0
Grouted Hole Diameter: 0.00	Depth of Grouting:	0.0
2nd Grouted Hole Diam.: 0.00	Depth of 2nd Grouting:	0.0
Casing Height at Surface: 1.0	Was Drive Shoe Used:	Not Reported
Screen Type: Other	Screen Diameter:	0.00
Slot/Gauze: Not Reported	Fittings Type:	Not Reported
Screen Opening Size: 0.000	Screen Length (feet):	0.0
Beginning Depth of Screen set (feet):		0.00
Ending Depth of Screen set (feet):		0.00
Length of Blank Above Screen (feet):		0.0
Static Water Level: 50.00	Is Well Flowing:	No
Pumping Level (feet): 105	Pumping Test Time (hrs):	2.0
Pumping Test Rate (hrs): 17	2nd Pumping Level:	0
2nd Test Pumping Rate: 0	2nd Pumping Test Length:	0.0
Label Angle (degrees): 0.0	Type of Grout:	Grouted (Unknown Materials)
End Depth of Grout (feet): 0.0	Beg. Depth of Grout (feet):	0.0
Nearest Contamination Source Type:	Sewer	
Distance of nearest Contamination Source (feet):		0
Direction to the nearest Contamination Source:		Not Reported
Was Well Disinfected: Not Reported	Was Well Plugged:	Unknown
Type of Pump: Submersible	Was Pump Installed:	Unknown
Pump Manufacturer: Not Reported	Pump horsepower:	Not Reported
Drop Pipe Length (feet): 100	Pumping Capacity (gal/min):	10
Driller's Registration #: 0099	Date Data was entered:	/
Character Height (feet): 200.0	Character Width (feet):	200.0
Rig Operator Name: Not Reported		
Driller's Directions: Aquifer: SAGINAW	Well #: 250073003	
Data Source: Western Michigan University		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Water Well Information:

Well Within 1/2 - 1 Mile of Target Property (Eastern Quadrant)

Well ID: 25077632004	County: GENESEE	
Owner: Not Reported		
Address: Not Reported		
Well Address: 5373 MILLER		
Well Address is Owner's: Not Reported		
Township Number: 2507	Section Number: 32	
Tier Number: 07	Range Number: 06	
North/South Delineation: North	East/West Delineation: East	
10 Acre Fraction: NW	40 Acre Fraction: NE	
180 Acre Fraction: NW	Coordinate System: State Plane	
X Coordinate: 2146521.00	Y Coordinate: 537036.00	
Coordinates Method: Manual	Location Verif. Method: Office	
Ground Elev. (feet): 760.00	Elevation Method: Not Reported	
Well Depth (feet): 90.0	Tax Parcel Number: Not Reported	
Date Drilled: 10/11/66	Well was new when drilled: Not Reported	
Drilling Method: Rotary	Wellhead Completion Type: Unknown	
Is this well dry: No	Use: Domestic Use	
Casing Type: Not Reported	Casing Method: Not Reported	
Casing Diam. (inches): 2.00	Depth of Casing (feet): 60.0	
2nd Casing Diameter: 0.00	Depth of 2nd Casing: 0.0	
Grouted Hole Diameter: 0.00	Depth of Grouting: 0.0	
2nd Grouted Hole Diam.: 0.00	Depth of 2nd Grouting: 0.0	
Casing Height at Surface: 0.0	Was Drive Shoe Used: Not Reported	
Screen Type: Other	Screen Diameter: 0.00	
Slot/Gauze: Not Reported	Fittings Type: Not Reported	
Screen Opening Size: 0.000	Screen Length (feet): 0.0	
Beginning Depth of Screen set (feet): 0.00		
Ending Depth of Screen set (feet): 0.00		
Length of Blank Above Screen (feet): 0.0		
Static Water Level: 15.00	Is Well Flowing: No	
Pumping Level (feet): 0	Pumping Test Time (hrs): 0.0	
Pumping Test Rate (hrs): 0	2nd Pumping Level: 0	
2nd Test Pumping Rate: 0	2nd Pumping Test Length: 0.0	
Label Angle (degrees): 0.0	Type of Grout: Not Grouted	
End Depth of Grout (feet): 0.0	Beg. Depth of Grout (feet): 0.0	
Nearest Contamination Source Type: None		
Distance of nearest Contamination Source (feet): 0		
Direction to the nearest Contamination Source: Not Reported		
Was Well Disinfected: Not Reported	Was Well Plugged: Unknown	
Type of Pump: Unknown	Was Pump Installed: Unknown	
Pump Manufacturer: Not Reported	Pump horsepower: Not Reported	
Drop Pipe Length (feet): 0	Pumping Capacity (gal/min): 0	
Driller's Registration #: 0000	Date Data was entered: /	
Character Height (feet): 200.0	Character Width (feet): 200.0	
Rig Operator Name: Not Reported		
Driller's Directions: Aquifer: SAGINAW	Well #: 250073204	
Data Source: Western Michigan University		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Water Well Information:

Well Within 1/2 - 1 Mile of Target Property (Southern Quadrant)

Well ID:	25077536002	County:	GENESEE
Owner:	MARATHON OIL CO.		
Address:	7026 MILLER RD SWARTZ CREEK		
Well Address:	7026 MILLER RD		
Well Address is Owner's:	Yes		
Township Number:	2504	Section Number	36
Tier Number:	07	Range Number:	05
North/South Delineation:	North	East/West Delineation:	East
10 Acre Fraction:	NE	40 Acre Fraction:	NE
180 Acre Fraction:	SE	Coordinate System:	State Plane
X Coordinate:	2139547.00	Y Coordinate:	534093.00
Coordinates Method:	Manual	Location Verif. Method:	Office
Ground Elev. (feet):	775.00	Elevation Method:	Not Reported
	SWARTZ CREEK, MI		
Well Depth (feet):	230.0	Tax Parcel Number:	Not Reported
Date Drilled:	05/09/68	Well was new when drilled:	Not Reported
Drilling Method:	Rotary	Wellhead Completion Type:	Pitless Adapter
Is this well dry:	No	Use:	Other
Casing Type:	Not Reported	Casing Method:	Not Reported
Casing Diam. (inches):	4.00	Depth of Casing (feet):	130.0
2nd Casing Diameter:	0.00	Depth of 2nd Casing:	0.0
Grouted Hole Diameter:	0.00	Depth of Grouting:	0.0
2nd Grouted Hole Diam.:	0.00	Depth of 2nd Grouting:	0.0
Casing Height at Surface:	1.0	Was Drive Shoe Used:	Not Reported
Screen Type:	Other	Screen Diameter:	0.00
Slot/Gauze:	Not Reported	Fittings Type:	Not Reported
Screen Opening Size:	0.000	Screen Length (feet):	0.0
Beginning Depth of Screen set (feet):			0.00
Ending Depth of Screen set (feet):			0.00
Length of Blank Above Screen (feet):			0.0
Static Water Level:	32.00	Is Well Flowing:	No
Pumping Level (feet):	120	Pumping Test Time (hrs):	7.0
Pumping Test Rate (hrs):	10	2nd Pumping Level:	0
2nd Test Pumping Rate:	0	2nd Pumping Test Length:	0.0
Label Angle (degrees):	0.0	Type of Grout:	Grouted (Unknown Materials)
End Depth of Grout (feet):	0.0	Beg. Depth of Grout (feet):	0.0
Nearest Contamination Source Type:		Septic Tank or Tile Field	
Distance of nearest Contamination Source (feet):			75
Direction to the nearest Contamination Source:			SW
Was Well Disinfected:	Not Reported	Was Well Plugged:	Unknown
Type of Pump:	Submersible	Was Pump Installed:	Unknown
Pump Manufacturer:	Not Reported	Pump horsepower:	Not Reported
Drop Pipe Length (feet):	105	Pumping Capacity (gal/min):	10
Driller's Registration #:	0032	Date Data was entered:	/
Character Height (feet):	200.0	Character Width (feet):	200.0
Rig Operator Name:	Not Reported		
Driller's Directions:	Aquifer: SAGINAW	Well #:	250043602
Data Source:	Western Michigan University		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Water Well Information:

Well Within 1/2 - 1 Mile of Target Property (Western Quadrant)

Well ID: 25077630001	County:	GENESEE
Owner: Not Reported		
Address: Not Reported		
Well Address: 3485 S. ELMS		
Well Address is Owner's: Not Reported		
Township Number: 2507	Section Number:	30
Tier Number: 07	Range Number:	06
North/South Delineation: North	East/West Delineation:	East
10 Acre Fraction: SW	40 Acre Fraction:	SW
180 Acre Fraction: SW	Coordinate System:	State Plane
X Coordinate: 2139803.00	Y Coordinate:	537376.00
Coordinates Method: Manual	Location Verif. Method:	Office
Ground Elev. (feet): 810.00	Elevation Method:	Not Reported
Well Depth (feet): 170.0	Tax Parcel Number:	Not Reported
Date Drilled: 05/20/68	Well was new when drilled:	Not Reported
Drilling Method: Rotary	Wellhead Completion Type:	Pitless Adapter
Is this well dry: No	Use:	Domestic Use
Casing Type: Not Reported	Casing Method:	Not Reported
Casing Diam. (inches): 2.00	Depth of Casing (feet):	84.0
2nd Casing Diameter: 0.00	Depth of 2nd Casing:	0.0
Grouted Hole Diameter: 0.00	Depth of Grouting:	0.0
2nd Grouted Hole Diam.: 0.00	Depth of 2nd Grouting:	0.0
Casing Height at Surface: 1.0	Was Drive Shoe Used:	Not Reported
Screen Type: Other	Screen Diameter:	0.00
Slot/Gauze: Not Reported	Fittings Type:	Not Reported
Screen Opening Size: 0.000	Screen Length (feet):	0.0
Beginning Depth of Screen set (feet):		0.00
Ending Depth of Screen set (feet):		0.00
Length of Blank Above Screen (feet):		0.0
Static Water Level: 20.00	Is Well Flowing:	No
Pumping Level (feet): 80	Pumping Test Time (hrs):	1.0
Pumping Test Rate (hrs): 2	2nd Pumping Level:	0
2nd Test Pumping Rate: 0	2nd Pumping Test Length:	0.0
Label Angle (degrees): 0.0	Type of Grout:	Grouted (Unknown Materials)
End Depth of Grout (feet): 0.0	Beg. Depth of Grout (feet):	0.0
Nearest Contamination Source Type:	Septic Tank or Tile Field	
Distance of nearest Contamination Source (feet):		60
Direction to the nearest Contamination Source:		SE
Was Well Disinfected: Not Reported	Was Well Plugged:	Unknown
Type of Pump: Jet	Was Pump Installed:	Unknown
Pump Manufacturer: Not Reported	Pump horsepower:	Not Reported
Drop Pipe Length (feet): 63	Pumping Capacity (gal/min):	0
Driller's Registration #: 0173	Date Data was entered:	/
Character Height (feet): 200.0	Character Width (feet):	200.0
Rig Operator Name: Not Reported		
Driller's Directions: Aquifer: SAGINAW	Well #:	250073001
Data Source: Western Michigan University		

GEOCHECK VERSION 2.1

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID:	MI2520011	PWS Status:	Active	Distance from TP:	>2 Miles
Date Initiated:	Not Reported	Date Deactivated:	Not Reported	Dir relative to TP:	West
PWS Name:	QUICK SAVE FOOD STORE 7511 S LINDEN RD SWARTZ CREEK, MI 48473				

Addressee / Facility: Not Reported

Facility Latitude: 42 57 25
City Served: Not Reported
Treatment Class: Treated

Facility Longitude: 083 49 50

Population Served: Under 101 Persons

PWS currently has or has had major violation(s): No

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 03/03/99

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

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

Date of Government Version: 12/31/98

Date Made Active at EDR: 01/18/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/13/99

Elapsed ASTM days: 5

Date of Last EDR Contact: 01/04/99

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

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).

Date of Government Version: 01/19/99

Date Made Active at EDR: 02/19/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/08/99

Elapsed ASTM days: 11

Date of Last EDR Contact: 02/08/99

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 01/04/99

Date Made Active at EDR: 02/24/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/99

Elapsed ASTM days: 20

Date of Last EDR Contact: 01/25/99

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/01/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/28/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 03/16/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 03/25/99

Date of Next Scheduled EDR Contact: 06/21/99

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

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: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA/NTIS

Telephone: 703-908-2493

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: 01/08/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/12/99

Date of Next Scheduled EDR Contact: 04/12/99

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/24/99

Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

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: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/02/99

Date of Next Scheduled EDR Contact: 05/31/99

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/98

Date of Next Scheduled EDR Contact: 05/24/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

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: 09/22/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/05/99

Date of Next Scheduled EDR Contact: 05/17/99

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/15/99

Date of Next Scheduled EDR Contact: 06/14/99

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

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: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 02/16/99

Date of Next Scheduled EDR Contact: 04/19/99

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-1531

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: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 12/28/98

Date of Next Scheduled EDR Contact: 03/29/99

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

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: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/17/99

Date of Next Scheduled EDR Contact: 06/14/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF MICHIGAN ASTM RECORDS:

LUST: Leaking Underground Storage Tank Sites

Source: Department of Environmental Quality

Telephone: 517-335-3075

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: 11/01/98

Date Made Active at EDR: 01/15/99

Database Release Frequency: Annually

Date of Data Arrival at EDR: 12/14/98

Elapsed ASTM days: 32

Date of Last EDR Contact: 03/18/99

SHWS: Contaminated Sites

Source: Department of Environmental Quality

Telephone: 517-373-9540

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/22/98

Date Made Active at EDR: 09/01/98

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/98

Elapsed ASTM days: 29

Date of Last EDR Contact: 03/01/99

LF: Solid Waste Facilities Database

Source: Department of Environmental Quality

Telephone: 517-335-4035

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: 12/01/98

Date Made Active at EDR: 03/01/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/01/99

Elapsed ASTM days: 28

Date of Last EDR Contact: 01/22/99

UST: Underground Storage Tank Facility List

Source: Department of Environmental Quality

Telephone: 517-373-8168

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: 02/01/98

Date Made Active at EDR: 10/08/98

Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/02/98

Elapsed ASTM days: 6

Date of Last EDR Contact: 03/10/99

STATE OF MICHIGAN NON-ASTM RECORDS:

AST: Aboveground Tanks

Source: Department of Environmental Quality

Telephone: 517-373-8168

Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/98

Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/99

Date of Next Scheduled EDR Contact: 04/26/99

Historical and 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.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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DELISTED NPL: NPL Deletions

Source: EPA

Telephone: 703-603-8769

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: 01/19/99

Date Made Active at EDR: 02/19/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/08/99

Elapsed ASTM days: 11

Date of Last EDR Contact: 02/08/99

NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 11/10/98

Date Made Active at EDR: 01/29/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 03/03/99

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Area Radon Information: 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.

EPA Radon Zones: Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

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.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

Michigan Public and Private Water Wells
Source: Michigan Department of Natural Resources
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.

Michigan Oil and Gas Wells
Source: Michigan Department of Natural Resources
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.